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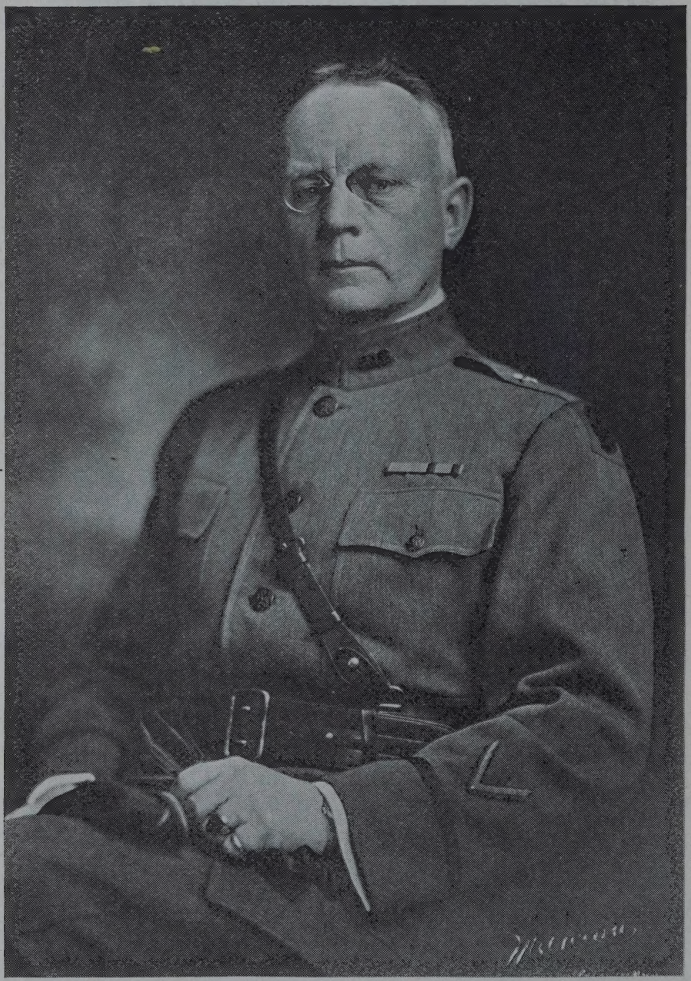

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Official Rules for Swimming, Fancy Diving, Water Polo and Water Basket Ball

1922

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Edited by

FRANK J. SULLIVAN

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NOTICE

Photographs, records of games, and other information that should be included in the Guide for 1923, must be in possession of the Editor, Frank J. Sullivan, Princeton University, Princeton, N. J., not later than June 1, 1922. Application for recognition of records should be made to L. de B. Handley, Chairman Records Committee, 260 Washington Street, New York City. In applying for records the blank form on page 128 in this issue of the Guide should be used.

ALL-AMERICA INTERCOLLEGIATE SWIMMING TEAM 1921

Selected by Frank J. Sullivan, Editor Intercollegiate Guide

FIRST TEAM.

Relay—
Binney, Yale
Damon, Amherst
Jelliffe, Yale
Thurston, Yale

50 Yards—
Binney, Yale
Damon, Amherst
Jelliffe, Yale

100 Yards—
Jelliffe, Yale
Thurston, Yale
Blinks, Chicago

220 Yards—
Giebel, Rutgers
Pratt, Yale
Blinks, Chicago

Plunge—
Meagher, Yale
Gordon, Chicago
Bird, Dartmouth

Fancy Diving—
Pollard, Yale
Crawley, Northwestern
Balbach, Columbia

Back Stroke—
Dennett, Illinois
Yegge, Chicago
Hayford, Northwestern

Breast Stroke—
Koch, Wisconsin
Peterson, Wisconsin
Quinby, Navy

SECOND TEAM.

Relay—
Paver, Northwestern
Emory, Navy
Solley, Yale
Armstrong, Pennsylvania

50 Yards—
Paver, Northwestern
Armstrong, Pennsylvania
Emory, Navy

100 Yards—
Emory, Navy
Paver, Northwestern
Gow, Minnesota

220 Yards—
Marshall, Yale
Lampher, Minnesota
Ross, Rutgers

Plunge—
Guernsey, Yale
Mahar, Columbia
Short, Dartmouth

Fancy Diving—
Armstrong, Pennsylvania
Driscoll, Princeton
Balch, Stevens Institute

Back Stroke—
Day, Minnesota
Agnew, Northwestern
Ivy, Chicago

Breast Stroke—
Collins, Wisconsin
Jenkins, Chicago
Harmon, Minnesota

All-America Intercollegiate Swimming Selections

By Frank J. Sullivan.

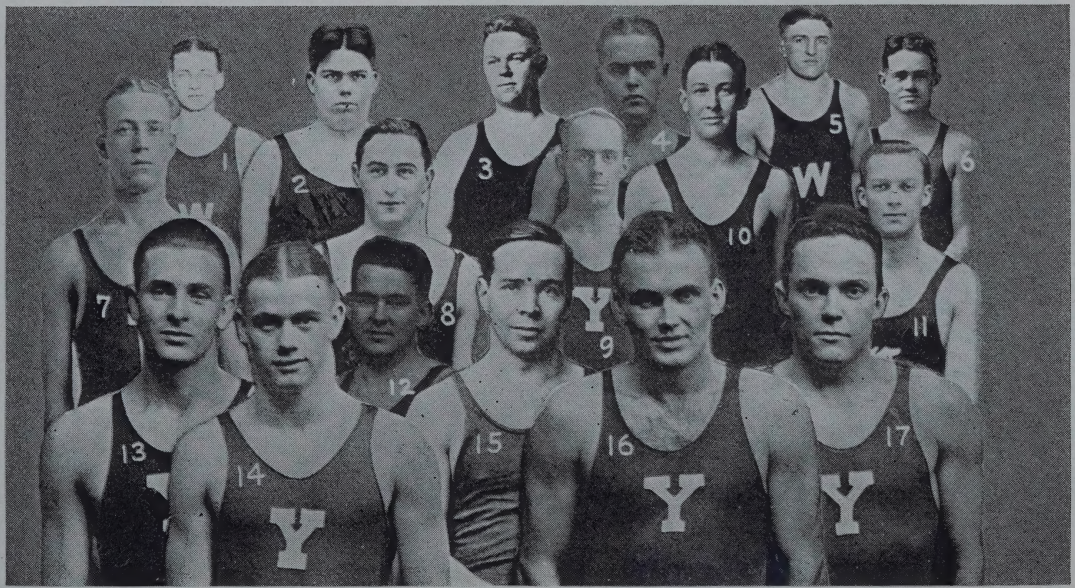
The task of selecting an All-America Intercollegiate swimming team for the season of 1920-1921 is extremely difficult for several reasons. The first stumbling block is the question of eligibility. The precedent established by the writer last year in eliminating first year men from the mythical team will be followed again this year, although it erases such names as Jones of Brown, Intercollegiate record holder for the 100, and Sinclair of the Navy, the record holder for the 220.

It may seem unfair to some followers of the sport not to consider these men for All-America honors, especially since the committee has accepted their records as official Intercollegiate marks. Nevertheless, first year men like the above mentioned, as well as Kanakanui of the Navy, Galbreath of Rutgers and Genthner of Pennsylvania, could not compete in championship events last season on account of the freshman ruling which holds good in the major swimming leagues of the country, namely, Intercollegiate Swimming Association, New England Intercollegiate Association and the Western Conference Association, and therefore to my mind are ineligible for Intercollegiate honors.

The second difficulty encountered is the wealth of material, so much so that in some cases I have placed men on the second team who are about equal to those mentioned for third places on the first team. On account of the fact that I am limited to three selections in each event for either team, several excellent men do not appear, but in these cases I will give honorable mention in the order in which they are considered.

On my first team, Yale swimmers are predominant. Never in my career as a coach have I seen a better, faster or well balanced team than that coached by Bob Kiphuth. The record breaking relay quartet of the Elis will go down in Intercollegiate history as the greatest aggregation ever garnered by a single organization. Yale not only won the championship of the Intercollegiate Swimming Association but her swimmers hold the American Intercollegiate records in all but two events which comprise the Eastern college programme.

In the 200-yard relay I have chosen Binney, Jelliffe and Thurston of Yale and Damon of Amherst. This is no doubt the fastest college aggre-



1, Petersen, Wisconsin; 2, Gordon, Chicago; 3, Bird, Dartmouth; 4, Meagher, Yale; 5, Koch, Wisconsin; 6, Hayford, Northwestern; 7, Dennett, Illinois; 8, Blinks, Chicago; 9, Pollard, Yale; 10, Damon, Amherst; 11, Yegge, Chicago; 12, Giebel, Rutgers; 13, Binney, Yale; 14, Jelliffe, Yale; 15, Balbach, Columbia; 16, Thurston, Yale; 17, Pratt, Yale.

ALL-AMERICA INTERCOLLEGIATE SWIMMING SELECTIONS.

gation that could be gotten together in the country. Binney with a :23 4-5 to his credit, Jelliffe's :24, Thurston and Damon with :24 2-5, would give us a team capable of going the 200-yard distance in 1:36 3-5. The original Yale relay team includes Pratt, but I have placed him in the 220 and selected Damon of Amherst because of his wonderful showing in the Intercollegiate championship when he defeated Binney in the 50 yard swim. On the second relay I choose Paver of Northwestern, who ranks next to Blinks of Chicago for leading Conference honors; Emory of the Navy, who really is capable of making the first team; Armstrong of Pennsylvania, who can do under :25 for the 50, and Solley of Yale, who is about a 25-second man. I think this second team could equal the present record for 200 yards which is now held by the Yale team.

Binney, Jelliffe and Damon are named for the 50-yard event on the first team. I think Thurston of Yale is the equal of Damon, but since he is picked for the 100-yard event, I choose Damon. On the second team, Paver, Emory and Armstrong are selected.

In the 100 there is only one college man in the country who could consistently beat Jelliffe and Thurston and that man is Davy Jones of Brown. Jones holds the college record at :55 3-5, as against a :56 2-5 for the others. But Jones is a freshman and is not eligible. Blinks of Chicago was the big surprise of the Conference and has a record of :56 3-5, this being made after swimming a 220 in 2:30, so he makes the first team instead of Emory of the Navy, although the Academy boy has done under :57 on several occasions. Emory is placed on the second team with Paver of Northwestern, whose best time is :57 2-5, and Gow of Minnesota, with a record of :58 2-5. Mention should be made of Goodman of the Army and Eberhardt of Columbia.

The colleges last season had a wealth of 220-yard stars. Angus Sinclair, the Annapolis plebe, is the fastest man in college ranks, with a record of 2:25 1-5. As previously explained, he is not eligible for this mythical team. Giebel of Rutgers, a member of the American Olympic team and winner of the Intercollegiate 220, which he covered in 2:27 1-5, is given the place of honor in this event, with Pratt of Yale, whose best time is 2:29 2-5, and Blinks of Chicago, with a record of 2:30 flat. When one considers that the Intercollegiate record of 2:31, made by Cross, stood on the books since 1914, it proves my contention that never before have the colleges had such a wealth of material nor swimmers of such exceptional ability. On the second team, Marshall of Yale, with a 2:32 mark, Lampher of Minnesota, who does 2:33, and Ross of Rutgers, with 2:34, are given the choice.

Pollard of Yale is first choice in fancy diving, but Crawley of Northwestern ranks equally as well. The Western diver has never lost a competition and has an average score of 104. Balbach of Columbia, a place winner in the recent Olympic Games, is given preference over Armstrong of Pennsylvania, although the Penn captain finished a place ahead in the championships. My reason for this is that Balbach had defeated Armstrong in dual competition and was really ill when he competed in the championships. Armstrong is placed on the second team with Driscoll of Princeton and Balch of Stevens. Skinner of Tech and Ferguson of Yale are given honorable mention.

In the plunge, Meagher of Yale is the best in the colleges. Although this remarkable plunger did not equal his record of the previous year, his work during the past season was fairly consistent. Gordon of Chicago ranks second in my estimation, for he has done remarkable work in the Western Conference. Bird of Dartmouth, winner of the New England Intercollegiate, is also placed on the first team. On the second are Guernsey of Yale, Mahar of Columbia and Short of Dartmouth. All of these men have records for 75 feet, well under the prescribed minute time limit.

The back stroke event is not used by Eastern colleges, so all of the places go to Conference swimmers. Dennett of Illinois was the fastest, with a record of 1:55 4-5. Second honors go to Yegge of Chicago and the third place to Hayford of Northwestern. On the second team appear Day of Minnesota, Agnew of Northwestern and Ivy of Chicago.

Quinby of the Navy is placed on the first team in the breast stroke, which is another event seldom used outside of the Conference. Koch of Wisconsin was a consistent winner, with a record of 2:45 3-5. He was closely followed by his teammate, Peterson. On the second team I choose Collins of Wisconsin, Jenkins of Chicago and Harmon of Minnesota.

Intercollegiate Swimming Association Section

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Brown

College City of New York

Columbia

Dartmouth

Harvard

Massachusetts Inst. of Technology

Pennsylvania

Princeton

Rutgers

U. S. Naval Academy

Wesleyan

Yale

1, Cook; 2, Pollard; 3, Wood; 4, Bundy, Mgr.; 5, R. J. H. Kiphuth, Coach; 6, Marshall; 7, Guernsey; 8, Neville; 9, Higgins; 10, Shaffer; 11, Townsend; 12, Banks; 13, Tyler; 14, Ferguson; 15, Jelliffe; 16, Solley; 17, Thurston, Capt.; 18, Pratt; 19, Gauss; 20, Crane.

YALE UNIVERSITY SWIMMING TEAM,

Intercollegiate Champions, 1921.

Intercollegiate Swimming Association Review of Season, 1920-21

By L. de B. Handley,
Chairman Records Committee.

The Eastern collegiate swimming season of 1920-1921 stood out conspicuously as the most brilliant in the history of the sport. It was a record breaking season in every sense of the word.

More and better teams were in the field than ever before; the annual individual championships received the unprecedented number of 120 entries and furnished the keenest competition yet seen at the classic fixture; 'varsity stars shattered all the intercollegiate individual and relay records for free style swimming, besides hanging up three new world's standards for team racing.

The most remarkable feature of the year's activities was the amazing all-around ability displayed by Yale's watermen. They not only won the team championship of the Intercollegiate Association by a great margin, administering overwhelming defeats to all rivals, but they topped the combined score of other colleges in the individual title tests and beat every intercollegiate swimming record during the season, even though representatives of other universities made better times at 100 and 220 yards. The Yale team of 1920-1921 was the finest aquatic 'varsity aggregation ever gathered together.

The tournament for the team championship of the league was interesting throughout, despite the fact that Yale's capture of the title was a foregone conclusion. Pennsylvania, Princeton and Columbia had excellent material, and good competition was witnessed as a rule.

The individual championships were marked by the first appearance of the swimmers of the Naval Academy of Annapolis at the meet and by the attendance of candidates from eleven other colleges, the largest representation in the annals of the fixture.

The competition was featured by several surprises. In the 50-yard dash, Binney of Yale was touched out by Damon of Amherst in the final, after winning his qualifying heat in new record time; in the 100-yard sprint, Jelliffe of Yale, the favorite, lost first place by a few inches to his teammate, Thurston, who swam his fastest century of the season; in the 220-yard swim, Giebel of Rutgers made better time than ever he had at the distance and led home Pratt of Yale, picked to win. The unexpected happened in plunging and fancy diving also. Guernsey of Yale was the universal choice for the gliding event, but he failed to report and his fellow student, Meagher, took title; Balbach of Columbia seemed the logical selection for the springboard contest, but he was a bit off form from sickness and could do no better than place third, Pollard of Yale and Armstrong of Pennsylvania leading him in this order.

Two records fell at the meet. Binney of Yale lowered his own Intercollegiate figures for the 50-yard swim from 24 1-5 to 24 seconds flat;

1. Bundy, Mgr.; 2. Jelliffe; 3. Binney; 4. Thurston, Capt.; 5. Solley; 6. Pratt; 7. R. J. Kiphuth, Coach.

YALE UNIVERSITY RELAY TEAM.
World's Record Holders.

the yearlings of Pennsylvania University won the 200-yard relay championship for freshmen in 1m. 42 3-5 seconds, the fastest time for the event ever returned officially by a quartet of college cubs.

Let it be borne in mind that during the season of 1920-1921 the 'varsity watermen of the East outranked conclusively those of other sections. Yet in this all-around championship test, against the foremost Easterners, the wearers of the Blue scored a total of 20 points, while the aggregate tally of all other bidding colleges was 19 points. Amherst and Rutgers came next to Yale with 5 points apiece; followed Columbia with 4 points, Pennsylvania with 3 and Annapolis with 2.

A brief review of the season's iconoclastic performances is well worth the making, for it will afford a clear idea of the extent of the progress accomplished in one short year, since the list of intercollegiate records was revised in the spring of 1920.

When activities opened in December the record for swimming 40 yards stood at 19 3-5s. Kanakanui of Annapolis lowered it to 19s. flat, then Binney of Yale attained this mark also, so that they are joint holders of the new standard at present. But it is worthy of note that half a dozen other sprinters equalled the old figures, or beat them by 1-5 of a second.

The bracketed time for 50 yards, 24 2-5s., was bettered twice by Binney. The first reduced it to 24 1-5s., then to 24s. flat. In addition, several collegians did 24 1-5 or 24 2-5, including Damon of Amherst; Genthner of Pennsylvania; Emory, Sinclair and Kanakanui of Annapolis; Jones of Brown; Thurston, Jelliffe and Pratt of Yale.

Leading honors for 100 yards fell to Jones of Brown. He brought down the record from 56 2-5s. to 55 3-5s., though Jelliffe went under the former standard also, turning the century in 55 4-5s. on one occasion and in 56 1-5s. on another, while Thurston equalled the old mark in winning the Intercollegiate championship.

At 220 yards Sinclair of Annapolis improved three times the listed mark, bettering it in all by the great margin of 5 4-5s., from 2m. 31s. to 2m. 25 1-5s. Others who displayed record breaking ability were Giebel of Rutgers, winner of the Intercollegiate title in 2m. 27 1-5s.; Pratt of Yale, officially credited with 2m. 28 2-5s.; the latter's teammate, Marshall, caught in 2m. 30 3-5s.

Athough times in swimming are affected to a marked degree by conditions, so that figures are not always a safe means of comparison, it is interesting to note that the National A. A. U. indoor championships of 1921 were won in 25s., 58 2-5s. and 2m. 27 1-5s., respectively.

All four of the new relay records hung up were returned by Yale sprinters. Thurston, Binney and Jelliffe swam in each instance, Pratt and Solley alternated. Together they lowered the figures for 160 yards from 1m. 21 3-5s. to 1m. 16 4-5s.; for 200 yards from 1m. 39 4-5s. to 1m. 38 2-5s.; for 250 yards from 2m. 10 2-5s. to 2m. 6s.; for 800 feet from 2m. 28 4-5s. to 2m. 22s.

The three performances last named rate actually as world's records and were accomplished in full compliance with standard international requirements. They furnish striking evidence of the great strides made in collegiate swimming, not only because of the material cuts effected in

1, Tuppen; 2, Bursk; 3, G. Kistler, Coach; 4, Bechtel; 5, Paley, Asst. Mgr.; 6, Martyr; 7, Kohler; 8, Armstrong, Capt.; 9, Weiner; 10, Rambo; 11, Kerrigan.

UNIVERSITY OF PENNSYLVANIA SWIMMING TEAM.

1, Pawley; 2, Stinson; 3, Hopkinson, Mgr.; 4, Macdonald; 5, Shriver; 6, Kelsey; 7, Witherspoon; 8, Murray, Capt.; 9, Driscoll; 10, Cooper.
Orren Jack Turner, Photo.

PRINCETON UNIVERSITY SWIMMING TEAM.

the times but because team events obviously are more representative of general ability than individual contests.

The Eastern collegiate season was particularly gratifying in that it was featured by sterling work among the younger contestants. Four of the swimmers credited with record feats—Sinclair, Jones, Kanakanui and Genthner—were members of freshmen classes. Their remarkable success at the very outset of competitive careers at college is significant of what may be expected of 'varsity watermen hereafter and predicts a wonderful future for college swimming.

POINT SCORERS IN INTERCOLLEGIATE DUAL MEETS,

Swimmer and College.	Points.
Armstrong, Pennsylvania	79
Rambo, Pennsylvania	57
Eberhardt, Columbia	48
Shriver, Princeton	37
Balbach, Columbia	40
Pratt, Yale	36
Driscoll, Princeton	35
Marshall, Yale	33
Stinson, Princeton	30
Lehrman, C.C.N.Y.	29
Mahar, Columbia	34
Thurston, Yale	26
Binney, Yale	26
Kohler, Pennsylvania	27
Pawley, Princeton	26
Shields, Pennsylvania	24
Macdonald, Princeton	24
Solley, Yale	22
Murray, Princeton	21
Townsend, Yale	20
Gauss, Yale	19
Jelliffe, Yale	18
Kelsey, Princeton	18
Guernsey, Yale	16
Pollard, Yale	16
Bursk, Pennsylvania	19
Crystal, Columbia	16
Banks, Yale	15
Schiff, Columbia	15
Cook, Yale	13
Crane, Yale	13
Martyr, Pennsylvania	13

Swimmer and College.	Points.
Ashworth, C.C.N.Y.	11
Ferguson, Yale	11
Meagher, Yale	10
Thour, C.C.N.Y.	10
Bechtel, Pennsylvania	14
Cooper, Princeton	8
Tyler, Yale	8
Wiener, Pennsylvania	9
Iserson, Columbia	8
Witherspoon, Princeton	7
Gulick, Princeton	7
Slater, Columbia	7
Wood, Yale	7
Blabon, Pennsylvania	7
Iosepher, C.C.N.Y.	5
Bernard, Columbia	5
Shaeffer, Yale	5
Higgins, Yale	4
Fink, C.C.N.Y.	4
Haas, C.C.N.Y.	4
Polk, Columbia	3
Prime, Princeton	3
McAleenan, Yale	3
Levin, C.C.N.Y.	3
Steffens, Columbia	3
Murray, C.C.N.Y.	2
Bradner, Yale	2
Siegel, C.C.N.Y.	2
Kingsbury, Yale	1
Kraus, C.C.N.Y.	1
Lowndes, Columbia	2
Rothschild, Columbia	1

1, E. T. Kennedy, Coach; 2, Rothschild; 3, Cowan; 4, Mahar; 5, Steffens; 6, Slater; 7, McCabe, Asst. Mgr.; 8, Balbach; 9, Schiff; 10, Chrystal; 11, Eberhardt, Capt.; 12, Lowndes; 13, De Fronzo.

COLUMBIA UNIVERSITY SWIMMING TEAM.

1, Harkavy, Asst. Mgr.; 2, Dondero; 3, Fischl; 4, Klein; 5, L. McKenzie, Coach; 6, Lehrman; 7, Block; 8, Haas; 9, Elk; 10, Ashworth, Capt.; 11, Murray; 12, McTague; 13, Josepher; 14, Fink; 15, Algase, Mgr.; 16, DeYoung; 17, Harvey; 18, Chaudruc; 19, Segal. Gibson, Photo.

COLLEGE CITY OF NEW YORK SWIMMING TEAM.

Transcontinental-Hawaii Trip of the Yale Swimming Team

By R. J. Kiphuth, Coach.

Left New Haven, June 25.

In training at Mr. Binney's home, "Rocklyn," Sound Beach, Conn., June 25 to July 4.

June 25. Brighton Beach Bath, New York. Yale defeated All-College Stars in 200-yd. Relay (Jelliffe, Pratt, Gauss, Thurston), 1m. 41 2-5s. Special Dive event off high board—L. Balbach, Columbia, 154.2 pts.; *J. K. Pollard, 130.4 pts.

July 2. Exhibition meet for citizens of Stamford, Conn., under auspices of Stamford Civic Association. Yale presented with cup.

July 5. Exhibition meet at Chicago Athletic Club pool.

July 6. Lost to Chicago Athletic Club, 31—19. 100-yd.—Topp, 55 1-5s; *Jelliffe, 55 3-5s.; Leach. Dive—Halvorsen, 138.3; *Pollard, 137; Ferguson, 135; Hyne, 134.9. 50-yd.—*Binney, 23 2-5. (1-5s. off world's tank record); Elliott, Mallon. 220-yd.—Browne, 2m. 23 3-5s.; *Pratt, 2m. 27s.; *Marshall. 60-ft. Plunge—Princell, 16 4-5s.; *Wood, 20 4-5s.; Cox. Relay—Won by Chicago (Topp, Elliott, Leach, Mallon) in 1m. 15s. (world's record broken); Jelliffe, Pratt, Thurston and Binney for Yale. The entire team made faster time in this meet than they had ever made in New Haven.

July 7. Defeated Milwaukee Athletic Club, 33—8. Relay—Won by Yale (Jelliffe, Pratt, Gauss, Thurston), 1m. 41 4-5s.; Dive—*Ferguson, Koch, *Pollard; 50-yd.—*Binney, 24 4-5s.; Beckstein, *Banks. 100-yd.—*Jelliffe, *Thurston, Beckstein. Plunge—*Meagher, 73ft. in 55s.; *Wood, 73ft. in 1m.; Bush. 220-yd.—*Marshall, 2m. 39 1-5s.; *Townsend.

July 8. Defeated Minneapolis Athletic Club, 32—18. 40-yd.—*Binney, 18 4-5s.; Segar, Hill. Dive—Miller, 130.5; *Pollard, 131.2; *Ferguson, 128.2. 100-yd.—*Jelliffe, 56 2-5s.; *Thurston, R. S. Gibbs. Plunge—Elliott, 18 4-5s.; *Meagher, *Wood. 220-yd.—*Pratt, 2m. 27 4-5s.; Segar, *Marshall. Relay—Won by Yale (Jelliffe, Gauss, Thurston, Binney), 1m. 15 4-5s.

July 9. Defeated White Bear Yacht Club at St. Paul, 43—6. 50-yd.—*Binney, 26 2-5s.; *Gauss, Richter. 100-yd.—*Jelliffe, 59 3-5s.; *Thurston, Soucheray. Dive—*Ferguson, 100.85; Brock, 98.6; *Pollard, 96.9. 200-yd.—*Pratt, 2m. 29 1-5s.; *Banks, Lampher. Plunge—*Meagher, *Wood. Relay—Won by Yale (Jelliffe, Pratt, Thurston, Binney), 1m. 46 1-5s.

July 10. Wayzeta, Lake Minnetonka. Exhibition in private pool on Mr. Bell's Estate.

July 14. Defeated Los Angeles Athletic Club, 30—14. 50-yd.—*Binney, 25s.; Grace, Kilbourn. 100-yd.—*Jelliffe, 58s.; *Thurston, Doerr. 220-yd.—*Pratt, 2m. 37 2-5s.; Krissell, Friel. Plunge—*Meagher, 76ft.; *Wood, 75ft. Dive—Swenson, Krissell, *Pollard. Relay—Won by Yale.

*Indicates Yale swimmers.

1, Rowe; 2, Schenck; 3, Dyer; 4, McCooey; 5, Arison; 6, Simonton; 7, Bearce; 8, McIntosh; 9, McCandless; 10, Heath, Mgr.; 11, Sinclair; 12, Winkjer; 13, Emory, Capt.; 14, Gallagher; 15, Kanakanui; 16, Fish; 17, H. Ortland, Coach. White, Photo.

UNITED STATES NAVAL ACADEMY SWIMMING TEAM.

1, Fletcher; 2, Burrill; 3, Hincke; 4, Goodman; 5, Hadsell; 6, Hayselden; 7, Tully, Asst. Mgr.; 8, Harmon; 9, Kerr; 10, Posgrove; 11, Duerr; 12, Bliss; 13, Meriweather; 14, G. E. Mitchell, Mgr.; 15, Longwell; 16, Malloy; 17, Carpenter; 18, Timberlake; 19, Breidster; 20, Alex. Meffert, Coach. White, Photo.

UNITED STATES MILITARY ACADEMY SWIMMING TEAM.

July 15. Defeated Venice Beach (Cal.) Club, 29—15. 50-yd.—Grace, 24 2-5s.; *Gauss, *Thurston. 100-yd.—*Jelliffe, 58 3-5s.; *Townsend, Doerr. 220-yd.—*Pratt, 2m. 34 3-5s.; *Marshall, Friel. No Plunge. Dive—Krissell, Van Dixhorn, *Pollard. Relay—Won by Yale (Jelliffe, Banks, Pratt, Thurston), 1m. 42s.

July 16. Defeated Santa Barbara team, open water, straightaway, 40—4. 50-yd.—*Thurston, 25 4-5s.; *Pratt, Taulman. 100-yd.—*Gauss, 59 1-5s.; *Banks, Barker. 220-yd.—*Marshall, 2m. 51 1-5s.; *Townsend, Brennan. Dive—*Pollard, 94.5; *Ferguson, 90.2; Nichols, 77.2. Relay—Won by Yale (Jelliffe, Banks, Thurston, Pratt), 1m. 44 3-5s.

July 17. Defeated Olympic Club at Idora Park Pool, San Francisco, 33—17. 50-yd.—Shields, 26 2-5s.; *Binney, *Gauss. 100-yd.—*Jelliffe, 56 4-5s.; L. Smith, *Thurston. 220-yd.—*Dud Pratt, 2m. 30 2-5s.; L. Smith, *H. Marshall. Plunge—*B. Wood, 67ft. 2in.; *Meagher, S. Dana. Dive—de Ferrari, *Pollard, *Ferguson. Relay—Won by Yale.

July 19. Exhibition at Del Monte, Cal. 40-yd.—*Gauss, 19 3-5s.; *Banks. 100-yd.—*Jelliffe, 56 4-5s.; *Thurston. 220-yd.—*Pratt, 2m. 30 4-5s.; *Marshall, *Townsend. Doubleall. Relay. Novelty Diving. Plunge.

July 29. Honolulu—University of Hawaii Pool. Score: Yale, 24 pts.; Outrigger Canoe Club, 19 pts.; Hui Makani, 18 pts.; Hui Nalu, 2 pts. 220-yd.—W. Harris, 2m. 22 3-5s.; W. Kealoha, *D. Pratt. 50-yd.—Pua Kealoha, 24 1-5s.; Warren Kealoha. *Binney, 24 3-5s. 100-yd.—Pua Kealoha, W. Harris, Warren Kealoha, *Jelliffe, 55 4-5s.; Springboard Dive—*Ferguson, *Pollard, Fuller. 75-ft. Plunge—*Wood, 49 3-5s.; *Meagher, 50s.; Simmerson. Relay—1m. 39 4-5s.: 1, Outrigger; 2, Yale; 3, Hui Makani (Duke swimming last for Outrigger did 22 4-5s.).

July 30. Aug. 1. Honolulu Harbor. Score: Hui Makani, 28 pts.; Outrigger Canoe Club, 20 pts.; Yale, 15 pts.; Healani, 10 pts.; Hui Nalu, 9 pts. 220-yd.—Pua Kealoha, 2m. 24 4-5s.; W. W. Harris. *C. D. Pratt, 2m. 30s.; 50-yd.—Pua Kealoha, 24s.; W. W. Harris, Warren Kealoha. 100-yd.—Pua Kealoha, 53s. (equals world's record); Warren Kealoha. Springboard Dive—*Pollard, *Ferguson, Fuller. No Plunge. Relay—Won by Outrigger Canoe Club, 5m. 53 3-5s. (breaks world's record for 600-yd. Relay, 6 men, 100 yds. each); Yale, 5m. 54 3-5s., second; Hui Makani, third.

SUMMARY.

12 Meets. 4 Exhibitions. 2 Defeats. In these defeats the men not only gave their best, but the time made was as good or better than that made in New Haven. No illness. Injuries—Binney's spine injured at St. Paul (not serious). Townsend, infected toe at Sound Beach, cleared up in two weeks. Pollard, cut hand diving at St. Paul, healed in a few days.

*Indicates Yale swimmers.

1, Simonsen, Northwestern, 440 yards; 2, Binney, Yale, 40 and 50 yards; 3, Jones, Brown, 100 yards; 4, Meagher, Yale, Plunge; 5, Sinclair, Navy, 220 yards; 6, Kanakanui, Navy, 40 yards.

INTERCOLLEGIATE RECORD HOLDERS.

Intercollegiate Swimming Association Individual Champions, 1907-21

50 YARDS.

Year	Holder	College	Time	Where Made
1907	Schwarz	Yale	27 4-5s.	Philadelphia
1908	Denniston	Princeton	26 1-5s.	Princeton, N. J.
1909	Chambers	Princeton	28s.	New York City
1910	Shryock	Pennsylvania	26 3-5s.	New Haven, Conn.
1911	Howe	Yale	27s.	New York City
1912	Shryock	Pennsylvania	26 3-5s.	Philadelphia
1913	Summers	Yale	26 2-5s.	Princeton, N. J.
1914	Roberts	Yale	25 4-5s.	New York City
1915	Hoadley	Yale	26 1-5s.	New Haven, Conn.
1916	Schlaet	Yale	25 4-5s.	New York City
1917	Lemcke	Amherst	26s.	Philadelphia
1918	Johnson	Princeton	26s.	Princeton, N. J.
1919	Binney	Yale	25s.	New York City
1920	Binney	Yale	24 4-5s.	New Haven, Conn.
1921	Damon	Amherst	24 2-5s.	New York City

100 YARDS.

1907	Richards	Yale	64 2-5s.	Philadelphia
1908	Chambers	Princeton	61 3-5s.	Princeton, N. J.
1909	Chambers	Princeton	65s.	New York City
1910	Shryock	Pennsylvania	60s.	New Haven, Conn.
1911	Howe	Yale	62s.	New York City
1912	Cross	Princeton	61 2-5s.	Philadephia
1913	Cross	Princeton	59 3-5s.	Princeton, N. J.
1914	Roberts	Yale	59 4-5s.	New York City
1915	Vollmer	Columbia	58 1-5s.	New Haven, Conn.
1916	Vollmer	Columbia	57 3-5s.	New York City
1917	Vollmer	Columbia	60 3-5s.	Philadelphia
1918	Mayer	Yale	60 1-5s.	Princeton, N. J.
1919	Georgi	Princeton	60s.	New York City
1920	Hincks	Yale	56 4-5s.	New Haven, Conn.
1921	Thurston	Yale	56 2-5s.	New York City

220 YARDS

1907	Mengel	Yale	2m. 59 2-5s.	Philadelphia
1908	Shryock	Pennsylvania	2m. 52 1-5s.	Princeton, N. J.
1909	Stoddard	Yale	2m. 49s.	New York City
1910	Palmer	Yale	2m. 44 2-5s.	New Haven, Conn.
1911	F. Cross	Princeton	2m. 42 2-5s.	New York City
1912	E. Cross	Princeton	2m. 43 4-5s.	Philadelphia
1913	E. Cross	Princeton	2m. 36 4-5s.	Princeton, N. J.
1914	E. Cross	Princeton	2m. 37 3-5s.	New York City
1915	Vollmer	Columbia	2m. 32 4-5s.	New Haven, Conn.
1916	Vollmer	Columbia	2m. 34 4-5s.	New York City
1917	Vollmer	Columbia	2m. 38s.	Philadelphia
1918	Keiser	Pennsylvania	2m. 40 1-5s.	Princeton, N. J.
1919	Hincks	Yale	2m. 42s.	New York City
1920	Shields	Pennsylvania	2m. 32 3-5s.	New Haven, Conn.
1921	Giebel	Rutgers	2m. 27 1-5s.	New York City

1, Pratt; 2, Carver; 3, Short; 4, Smith; 5, Ferguson, Mgr.; 6, S. C. Hazleton, Coach; 7, Sullivan; 8, Roberts; 9, Ellis; 10, Weed; 11, Harper; 12, Rice; 13, Dempsey; 14, Bird, Capt.; 15, McClintock; 16, Taylor. White, Photo.

DARTMOUTH COLLEGE SWIMMING TEAM.

1, Vogel, Mgr.; 2, Ellis; 3, Selden; 4, Newby; 5, Moser; 6, Montgomery; 7, Smith, Capt.; 8, Pole; 9, Kydd. Orren Jack Turner, Photo.

PRINCETON UNIVERSITY FRESHMAN SWIMMING TEAM.

PLUNGE.

Year	Holder	College	Dist. or Time	Where Made
1907	Sherman	Yale	67ft.	Philadelphia
1908	Beatty	Yale	72ft.	Princeton, N. J.
1909	Hopkinson	Pennsylvania	69 1-2ft.	New York City
1910	Loree	Yale	70ft.	New Haven, Conn.
1911	Willis	Pennsylvania	72ft.	New York City
1912	Willis	Pennsylvania	77 1-2ft.	Philadelphia
1913	Shoemaker	Pennsylvania	72ft.	Princeton, N. J.
1914	Smith	Yale	69 1-2ft.	New York City
1915	Shoemaker	Pennsylvania	69 1-2ft.	New Haven, Conn.
1916	Lehmann	Pennsylvania	75ft.	New York City
1917	Birch	Pennsylvania	71ft.	Philadelphia
1918	Elderkin	Pennsylvania	71ft.	Princeton, N. J.
1919	Elderkin	Pennsylvania	70ft.	New York City
1920	Wood	Yale	75ft. 52 1-5s.	New Haven, Conn.
1921	Meagher	Yale	75ft. 52 2-5s.	New York City

FANCY DIVING

Year	Holder	College	Where Made
1907	Renear	Pennsylvania	Philadelphia
1908	Peters	Yale	Princeton, N. J.
1909	Dalrymple	Pennsylvania	New York City
1910	Stoddard	Yale	New Haven, Conn.
1911	Berman	C. C. N. Y.	New York City
1912	Lawrence	Princeton	Philadelphia
1913	McAleenan	Yale	Princeton, N. J.
1914	McAleenan	Yale	New York City
1915	McAleenan	Yale	New Haven, Conn.
1916	Friesell	Princeton	New York City
1917	Roat	Pennsylvania	Philadelphia
1918	Dane	Princeton	Princeton, N. J.
1919	Benjamin	Yale	New York City
1920	Pollard	Yale	New Haven, Conn.
1921	Pollard	Yale	New York City

1, A. Hardin; 2, Wilcox; 3, Hilgartner; 4, Hopkinson, Mgr. 5, P. Hardin; 6, Tait; 7, Botting, Capt.; 8, Buechner; 9, Schrauff.

Orren Jack Turner, Photo.

PRINCETON UNIVERSITY WATER POLO TEAM,
Intercollegiate Champions, 1921.

Review of Intercollegiate Water Polo, 1920-21

By Louis Manley, Head Water Polo Referee, I. S. A.

The outstanding feature of the 1920-1921 Intercollegiate water polo season was the extraordinary offensive and defensive strength of the Princeton team, which once more won the title of "Champions," and deservedly so, as they won every game played. Competition during the season was the best I have ever witnessed over a period of thirteen years, the teams being more evenly matched, with the exception of Pennsylvania.

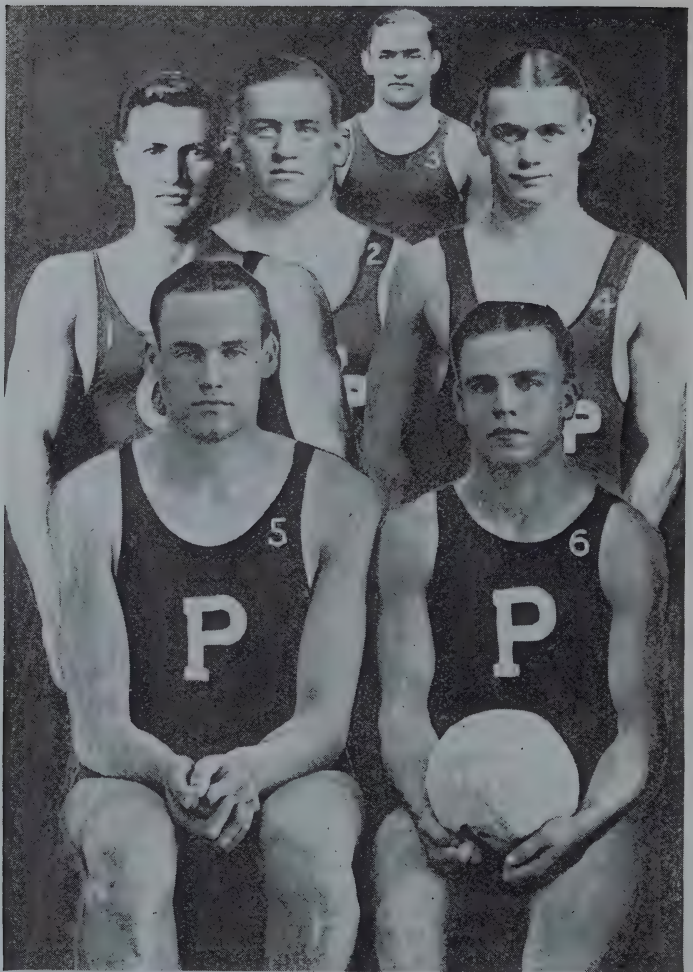
The Pennsylvania team was a disappointment, as they had some excellent individual material, but were not able to co-ordinate their team play, especially on the offensive. Collins, the captain, is a good individual player and on some other team, with the co-operation of two good forwards, would have been a star. The Penn backfield was very weak, the opposing forwards scoring almost at will.

Yale had a strong but green team which was full of fight at all times, getting stronger as the season advanced, and the men had more work and experience in playing together. While Row, the captain, graduates this year and will therefore not be on the team next season, I think Yale will bear watching if most of the younger players are still eligible.

Columbia started the season well by defeating C.C.N.Y., Pennsylvania and Yale in succession, and was looked upon as a team that would in all probability successfully defend its title; but the loss of their two star forwards of the year before, Hyde and Kennedy, by graduation, was too much of a handicap to overcome when they met Princeton's strong backfield, and later when they played Yale a second time.

The return match between Princeton and Columbia, played in the latter's pool, was one of the most exciting and interesting games I ever had the pleasure of watching—first one team ahead, and then the other. At the end of the first half it looked as if it was Columbia's game, but in the second half Columbia weakened and, by reason of Simmons being forced to retire on account of illness, left too big a burden on Captain Kindelberger, and Princeton managed to crash through for several touch goals and victory. In fact, it was a fast game throughout, featured by several long thrown goals and excellent passing by both teams. This game well illustrates the success of the Intercollegiate water polo rules over the old A.A.U. rules, being both interesting to the spectator and full of thrills and excitement.

C.C.N.Y. surprised the League by turning out a rather strong team, which was ably coached by Lionel McKenzie. While the New Yorkers won only two games they were at all times dangerous, and with a little better swimming ability in the backfield and with two faster forwards to help out Menkes, who was a star on the offense, they would, in my



1, Kindelberger, Columbia, right back; 2, French, Yale, left back; 3, Menkes, C.C.N.Y., right forward; 4, Jelliffe, Yale, left forward; 5, Tait, Princeton, goal; 6, Botting, Princeton, center.

ALL-STAR WATER POLO TEAM.

opinion, have won at least three more games. Many openings were lost by slowness of the forwards on attack.

Princeton, after a lapse of a year, regained its laurels as the champion team, its principal opposition coming from Columbia. If ever an Intercollegiate water polo team was worthy of this title, Princeton deserved it last season, as it was a well balanced team throughout. Not only did Princeton win every game on the League's schedule, but it went outside the League and played the strong N.Y.A.C. team and came through to victory, thereby undoubtedly stamping this team not only the Intercollegiate champion but champion of the United States.

Much of Princeton's success is undoubtedly due to Frank Sullivan, who has so ably coached the championship Princeton teams of other years. While Mr. Sullivan had excellent material to choose from, the team play in all its games showed excellent instruction, the men knowing what to do with the ball when they received it. The offense was quick, powerful and heady, and the defense was well nigh impregnable. The Princeton team of 1920-1921 will long be remembered as the best of all the preceding great water polo teams that Princeton has had.

ALL-STAR INTERCOLLEGIATE WATER POLO TEAM.

Botting, Princeton.....Center	Kindelberger, Columbia.....Right Back
Menkes, C.C.N.Y.....Right Forward	French, Yale.....Left Back
Jelliffe, Yale.....Left Forward	Tait, Princeton.....Goal

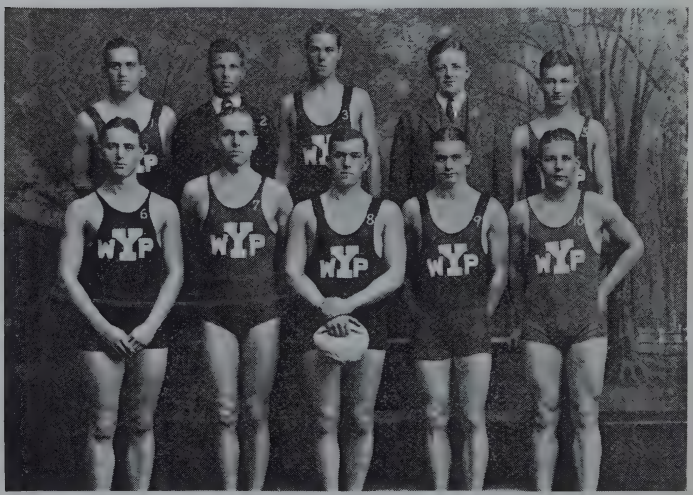
In picking an all-star team it may seem strange that only two of Princeton's championship aggregation are placed on this mythical selection, but for the following reasons I think this is proper: Botting of Princeton I would pick for center, as he was the brains of the Princeton attack and led the League in scoring, piling up 99 points. Menkes of C.C.N.Y., who scored 83 points, I would place at right forward. Menkes was the star of C.C.N.Y.—in fact, was the whole team—and with better support in all probability would have done much better. Jelliffe of Yale, while he did not play in all the games, owing to being on the swimming team, showed a good knowledge of the sport, and due to his speed would be an ideal man to work with Botting and Menkes. This forward combination would possess knowledge, power, speed and aggressiveness.

In the backfield I would place Kindelberger of Columbia at right back, where his aggressiveness and power would be most desirable, as he understands the game thoroughly and is well able to break up any forward combinations. For left back I pick French of Yale. While Schrauff of Princeton is deserving of the highest commendation, I think that French deserves the honor, as he would fit in well with the other backs and is strong and fast. For goal the selection is easy, as Tait of Princeton stood out head and shoulders above everybody else. His alertness, strength and build fit him for the position admirably. In fact, he is about the best goalkeeper it has ever been my good fortune to see, either in college or athletic club play.

The team as outlined above would have unusual strength all around, with a strong aggressive offense and a defense that stands out as game to the core. To captain this team the choice must be either Tait or Bott-

1, Haskell, Mgr.; 2, Curry; 3, Hinch; 4, Meyer; 5, Nicoll; 6, E. T. Kennedy, Coach; 7, Altheimer; 8, Waldecker; 9, Simmons; 10, Kindleberger, Capt.; 11, Rodgers; 12, Beiswenger; 13, Cooper.

COLUMBIA UNIVERSITY WATER POLO TEAM.



1, French; 2, Bundy, Mgr.; 3, Orthwein; 4, Kiphuth, Coach; 5, Walker; 6, Ussher; 7, Alexander; 8, Row, Capt.; 9, Jelliffe; 10, Higgins.

YALE UNIVERSITY WATER POLO TEAM.

ing, both of whom are well able to direct their men. However, I choose Botting, as I believe the captain of the team should be a player on the offensive.

WATER POLO INDIVIDUAL POINT SCORERS, 1920-21.

Swimmer and College.	Points
Botting, Princeton	99
Menkes, C.C.N.Y.	83
Buechner, Princeton	53
Cooper, Columbia	55
Row, Yale	45
Jelliffe, Yale	38
Halderman, Penn	35
Rogers, Columbia	32
Alexander, Yale	30
Collins, Penn	29
Waldecker, Columbia	38
Tait, Princeton	26
Hilgartner, Princeton	25
Higgins, Yale	21
Beiswinger, Columbia	33
French, Yale	18
Salmon, Columbia	15
Smith, Princeton	15
Schrauff, Princeton	15
Curry, Columbia	15
Seligman, C.C.N.Y.	10
Schaeffer, Princeton	10
Hardin, A., Princeton	10
Simmons, Columbia	8
Dondero, C.C.N.Y.	6
Lehrman, C.C.N.Y.	5
Hardin, P., Princeton	5
Donald, Princeton	5
Kindelberger, Columbia	5
Feinstein, Penn	6
Lilling, C.C.N.Y.	3
Murdock, Penn	3
Ornstein, C.C.N.Y.	3

1, Harkavy, Asst. Mgr.; 2, Lilling; 3, Lehrman; 4, Meyer; 5, Sanber; 6, Weinstein; 7, Meyer; 8, Schapiro; 9, Seligman; 10, Sherman; 11, Dondero; 12, Menkes, Capt.; 13, Ornstein; 14, Muiready; 15, Algase, Mgr.; 16, Wallace; 17, Tannenbaum; 18, Dundes; 19, Schnurer; 20, Seidel. Gibson, Photo.

COLLEGE CITY OF NEW YORK WATER POLO TEAM.

1, Tuppen, Mgr.; 2, Shelly; 3, Murdock; 4, N. Collins; 5, G. Kistler, Coach; 6, Saturen; 7, Meyers; 8, J. Collins, Capt.; 9, Haldeman; 10, Feinstein.

UNIVERSITY OF PENNSYLVANIA WATER POLO TEAM.

All-Star Water Polo Selections, Season 1920-21

By New York Sun.

First Team.	Position	Second Team.
Jelliffe, Yale	Center	Row, Yale
Buechner, Princeton	Right Forward	Menkes, C. C. N. Y.
Botting, Princeton	Left Forward	Bieswenger, Columbia
Kindleberger, Columbia	Right Back	Rogers, Columbia
French, Yale	Left Back	Schrauff, Princeton
Tait, Princeton	Goal	Lilling, C. C. N. Y.

By Frank J. Sullivan, Coach, Princeton University.

First Team.	Position	Second Team.
Botting, Princeton	Center	Cooper, Columbia
Menkes, C. C. N. Y.	Right Forward	Buechner, Princeton
Jelliffe, Yale	Left Forward	Row, Yale
Kindleberger, Columbia	Right Back	Rogers, Columbia
Schrauff, Princeton	Left Back	Simmons, Columbia
Tait, Princeton	Goal	French, Yale

By Edward T. Kennedy, Coach, Columbia University.

First Team.	Position	Second Team.
Menkes, C. C. N. Y.	Center	Buechner, Princeton
Jelliffe, Yale	Right Forward	Bieswenger, Columbia
Botting, Princeton	Left Forward	Row, Yale
Tait, Princeton	Right Back	Schrauff, Princeton
Rogers, Columbia	Left Back	Simmons, Columbia
Kindleberger, Columbia	Goal	French, Yale

By L. de B. Handley, Head Referee, I. S. A.

First Team.	Position	Second Team.
Jelliffe, Yale	Center	Bieswenger, Columbia
Botting, Princeton	Right Forward	Row, Yale
Buechner, Princeton	Left Forward	Menkes, C. C. N. Y.
French, Yale	Right Back	Hardin, Princeton
Kindleberger, Columbia	Left Back	Rogers, Columbia
Tait, Princeton	Goal	Schrauff, Princeton

1, Heath, Mgr.; 2, Vest; 3, Niemeyer; 4, Kern; 5, Rooney; 6, Lieut.-Com. Weems; 7, H. Ortland, Coach; 8, White; 9, Higgins, Capt.; 10, Wilcox; 11, Hicks; 12, Goodale. White, Photo.

UNITED STATES NAVAL ACADEMY WATER POLO TEAM.

1, Buechner; 2, Vogel, Mgr.; 3, Reynolds; 4, Moran; 5, Austin; 6, Brady, Capt.; 7, Purvis; 8, Strong. Orren Jack Turner, Photo.

PRINCETON UNIVERSITY FRESHMAN WATER POLO TEAM.

Eastern Intercollegiate Swimming and Water Polo League

Season 1909-10.

SWIMMING.

Teams.	Won.	Lost.	PC.
Yale	5	0	1000
Princeton	4	1	.800
Pennsylvania	3	2	.600
Harvard	2	3	.400
Columbia	1	4	.200
C.C.N.Y.	0	5	.000

WATER POLO.

Teams.	Won.	Lost.	PC.
Yale	5	0	1000
Princeton	4	1	.800
Pennsylvania	3	2	.600
Columbia	2	3	.400
Harvard	1	4	.200
C.C.N.Y.	0	5	.000

Season 1910-11.

Yale	5	0	1000
Pennsylvania	4	1	.800
Columbia	3	2	.600
Princeton	2	3	.400
C.C.N.Y.	1	4	.200
Cornell	0	5	.000

Yale	5	0	1000
Princeton	4	1	.800
Pennsylvania	3	2	.600
Columbia	2	3	.400
C.C.N.Y.	0	5	.000
Cornell	0	5	.000

Season 1911-12.

Pennsylvania	5	0	1000
Princeton	4	1	.800
Yale	3	2	.600
C.C.N.Y.	2	3	.400
Columbia	1	4	.200

Princeton	5	0	1000
Yale	4	1	.800
Pennsylvania	3	2	.600
C.C.N.Y.	2	3	.400
*Cornell	0	4	.100
*Columbia	0	4	.100

Season 1912-13.

Yale	4	0	1000
Princeton	3	1	.750
Pennsylvania	2	2	.500
Columbia	1	3	.250
C.C.N.Y.	0	4	.000

Princeton	4	0	1000
Yale	3	1	.750
Pennsylvania	2	2	.500
Columbia	1	3	.250
C.C.N.Y.	0	4	.000

Season 1913-14.

Yale	4	0	1000
Princeton	3	1	.750
Pennsylvania	2	2	.500
C.C.N.Y.	1	3	.250
Columbia	0	4	.000

Princeton	4	0	1000
Yale	3	1	.750
Columbia	2	2	.500
Pennsylvania	1	3	.250
C.C.N.Y.	0	4	.000

Season 1914-15.

*Columbia	4	2	.666
*Pennsylvania	4	2	.666
*Yale	4	2	.666
Princeton	1	3	.250
C.C.N.Y.	0	4	.000

Princeton	4	0	1000
Yale	3	1	.750
Columbia	2	2	.500
Pennsylvania	1	3	.250
C.C.N.Y.	0	4	.000

*Tie.

Season 1915-16.

SWIMMING.

Teams.	Won.	Lost.	PC.
Yale	6	2	.750
Princeton	5	3	.625
Columbia	5	3	.625
Pennsylvania	4	4	.500
C.C.N.Y.	0	8	.000

WATER POLO.

Teams.	Won.	Lost.	PC.
Princeton	8	0	1000
Pennsylvania	5	3	.625
Yale	4	4	500
Columbia	3	5	.375
C.C.N.Y.	0	8	.000

Season 1916-17.

Yale	8	1	.888
Columbia	7	2	.777
Pennsylvania	4	4	.500
Princeton	2	6	.250
C.C.N.Y.	0	8	.000

Princeton	8	0	1000
Pennsylvania	5	3	.625
Columbia	5	3	.625
Yale	1	7	.125
C.C.N.Y.	1	7	.125

Season 1917-18.

Yale	8	0	1000
Princeton	6	2	.750
Pennsylvania	4	4	.500
Columbia	2	6	.250
C.C.N.Y.	0	8	.000

Yale	7	1	.875
Columbia	6	2	.750
Pennsylvania	4	4	.500
Princeton	3	5	.375
C.C.N.Y.	0	8	.000

Season 1918-19.

Yale	4	0	1000
Columbia	3	3	.500
Pennsylvania	1	2	.333
Princeton	1	2	.333
C.C.N.Y.	0	4	.000

Princeton	3	0	1000
Columbia	4	2	.666
Pennsylvania	1	2	.333
Yale	1	3	.250
C.C.N.Y.	0	4	.000

Season 1919-20.

Yale	7	0	1000
Princeton	5	2	.714
Pennsylvania	5	3	.625
Columbia	2	6	.250
C.C.N.Y.	0	8	.000

Columbia	7	1	.875
Princeton	5	2	.714
Yale	4	3	.571
Pennsylvania	3	5	.375
C.C.N.Y.	0	8	.000

Season 1920-21.

Yale	8	0	1000
Pennsylvania	6	2	.750
Princeton	4	4	.500
Columbia	2	6	.250
C.C.N.Y.	0	8	.000

Princeton	8	0	1000
Yale	5	3	.625
Columbia	5	3	.625
C.C.N.Y.	2	6	.250
Pennsylvania	0	8	.000

Intercollegiate Swimming Association Individual Championships

First Annual Meet.

Held at Weightman Hall Pool, University of Pennsylvania, Philadelphia, Pa., March 17, 1907.

50 yards—27 4-5s., Schwarz, Yale, won; Chambers, Princeton, second; Philler, Pennsylvania, third.
100 yards—1m. 4 2-5s., Richards, Yale, won; Chambers, Princeton, second; Renear, Pennsylvania, third.
220 yards—2m. 59 2-5s., Mengel, Yale, won; Dalrymple, Pennsylvania, second; E. Hopkinson, Pennsylvania third.
Plunge—67ft., Sherman, Yale, won; De Bow, Pennsylvania, second; R. Hopkinson, Pennsylvania, third.
Fancy Diving—Renear, Pennsylvania, won; Dalrymple, Pennsylvania, second; Peters, Yale, third.

Second Annual Meet.

Held at Brokaw Pool, Princeton, N. J., April 4, 1908.

50 yards—26 1-5s., Denniston, Princeton, won; Ralli, Princeton, and Richards, Yale, tied for second.
100 yards—1m. 1 3-5s., Chambers, Princeton, won; Shryock, Pennsylvania, second; Ralli, Princeton, third.
220 yards—2m. 52 1-5s., Shryock, Pennsylvania, won; Dalrymple, Pennsylvania, second; Rodgers, Princeton, third.
Fancy Diving—Peters, Yale, won; Parke, Princeton, second; Dalrymple, Pennsylvania, third.
Plunge—72ft., Beatty, Yale, won; Reid, Yale, second; Chapman, Pennsylvania, third.

Third Annual Meet.

Held at College City of New York Pool, March 27, 1909.

50 yards—28s., Chambers, Princeton, won; Shryock, Pennsylvania, second; Graham, Pennsylvania, third.
100 yards—1m. 5s., Chambers, Princeton, won; Shryock, Pennsylvania, second; Winslow, Yale, third.
220 yards—2m. 49s., Stoddard, Yale, won; Yerkes, Pennsylvania, second; Anthony, Pennsylvania, third.
Plunge—69ft. 6in., Hopkinson, Pennsylvania, won; Megary, Pennsylvania, second; Reid, Yale, third.
Fancy Diving—Dalrymple, Pennsylvania, won; Hans, Pennsylvania, second; Parks, Princeton, third.
800-foot Freshman Relay—2m. 47s., Princeton Team, won; Yale, second.

Fourth Annual Meet.

Held at Yale Pool, New Haven, Conn., March 5, 1910.

50 yards—26 3-5s., Shryock, Pennsylvania, won; Richards, Yale, second; Clement, Pennsylvania, third.
100 yards—1m., Shryock, Pennsylvania, won; Stoddard, Yale, second; Graham, Pennsylvania, third.
220 yards—2m. 44 2-5s., Palmer, Yale, won; Stoddard, Yale, second; Brown, Princeton, third.
Fancy Diving—Stoddard, Yale, won; Hans, Pennsylvania, second; Parke, Princeton, third.
Plunge—Loree, Yale, won; Reed, Yale, second; Willis, Pennsylvania, third.
200-yard Freshman Relay—2m. 2-5s., Princeton Team, won; Yale, second.

Fifth Annual Meet.

Held at Columbia Pool, New York City, March 4, 1911.

50 yards—27s., Howe, Yale, won; Schmitt, Yale, second; Clement, Pennsylvania, third.
100 yards—1m. 2s., Howe, Yale, won; Schmitt, Yale, second; Gest, Pennsylvania, third.
220 yards—2m. 42 2-5s., Cross, Princeton, won; Stoddard, Yale, second; Palmer, Yale, third.
Fancy Diving—Berman, C.C.N.Y., won; Lawrence, Princeton, second; Fielding, C.C.N.Y., third.
Plunge—72ft., Willis, Pennsylvania, won; Barry, Princeton, second; Peters, Columbia, third.
200-yard Freshman Relay—1m. 56s., Princeton Team, won; Yale, second; Cornell, third.

Sixth Annual Meet.

Held at Weightman Hall Pool, University of Pennsylvania, Philadelphia, Pa., March 9, 1912.

50 yards—26 3-5s., Shryock, Pennsylvania, won; Cullman, Columbia, second; Ouerbacher, Pennsylvania, third; Schmidt, Yale, fourth.
800-foot Freshman Relay—2m. 55 2-5s., Yale Team (Ernst, Mayer, McPhee, Williams), won; Princeton, second.
100 yards—1m. 1 2-5s., E. Cross, Princeton, won; Shryock, Pennsylvania, second; Sanville, Pennsylvania, third; Cullman, Columbia, fourth.
Fancy Diving—Lawrence, Princeton, won; Stoddard, Yale, second; Myers, Princeton, third; Wilson, Yale, fourth.
Plunge—77ft. 6in., Willis, Pennsylvania, won; Angeny, Pennsylvania, second; Robinson, Princeton, third; Shoemaker, Pennsylvania, fourth.
220 yards—2m. 43 4-5s., E. Cross, Princeton, won; Douglass, Pennsylvania, second; Palmer, Yale, third; F. Cross, Princeton, fourth.

Seventh Annual Meet.

Held at Brokaw Pool, Princeton University, March 8, 1913.

50 yards—26 2-5s., Summers, Yale, and Mayer, Yale, tied for first; Marr, Yale, third.
Fancy Diving—McAleenan, Yale, won; Barrett, Columbia, second; Jameson, Pennsylvania, third.
Plunge—72ft., Shoemaker, Pennsylvania, won; Smith, Yale, second; Robinson, Princeton, third.
100 yards—59 3-5s., Cross, Princeton, won; Roberts, Yale, second; Ouerbacher, Pennsylvania, third.
220 yards—2m. 36 4-5s., Cross, Princeton, won; Shryock, Pennsylvania, second; Creamer, Pennsylvania, third. (New intercollegiate record.)
800-foot Freshman Relay—2m. 32s., Princeton Team (Selby, DeLacy, Smith. O'Sullivan), won; Pennsylvania, second; Yale, third.

Eighth Annual Meet.

Held at College City of New York Pool, March 6, 1914.

50 yards—25 4-5s., Roberts, Yale, won; Ouerbacher, Pennsylvania, second; Schlaet, Yale, third.
100 yards—59 4-5s., Roberts, Yale. won; Cross, Princeton, second; Mayer, Yale, third.
220 yards—2m. 37 3-5s., Cross, Princeton, won; Shryock, Pennsylvania, second; Reimer, C.C.N.Y., third.
Plunge—69 1-2ft., Smith, Yale, won; Kottek, Columbia, second; Keyes, Yale, third.
Fancy Diving—McAleenan, Yale, won; Friesell, Princeton, second; Barrett, Columbia, third.
800-foot Freshman Relay—2m. 41 3-5s., Pennsylvania Team (Russell, Housen, Masten, Welch), won; Princeton, second.

Ninth Annual Meet.

Held at Carnegie Pool, New Haven, Conn., March 5, 1915.

50 yards—26 1-5s., Hoadley, Yale, won; Shryock, Pennsylvania, second; Schlaet, Yale, third.
100 yards—58 1-5s., Vollmer, Columbia, won; Shryock, Pennsylvania, second; Hoadley, Yale, third.
220 yards—2m. 32 4-5s., Vollmer, Columbia, won; Shryock, Pennsylvania, second; Ferguson, Yale, third.
Plunge—69ft. 8in., Shoemaker, Pennsylvania, won; Smith, Yale, second; Lehman, Pennsylvania, third.
Fancy Diving—McAleenan, Yale, won; Friesell, Princeton, second; Brereton, Princeton, third.

Tenth Annual Meet.

Held at Columbia University Pool, New York City, March 17, 1916.

50 yards—25 4-5s., Schlaet, Yale, won; Nelligan, Amherst, second; Turner, Wesleyan, third.
100 yards—57 3-5s., Vollmer, Columbia, won; Lee, Columbia, second; Lemcke, Amherst, third.
220 yards—2m. 34 4-5s., Vollmer, Columbia, won; Shryock, Pennsylvania, second; Ferguson, Yale, third.
Plunge—Lehman, Pennsylvania (75ft.), won; Landstreet, Yale (71.6ft.), second; Norris, Princeton (69.6ft.), third.
Fancy Diving—Friesell, Princeton, won; Benjamin, Yale, second; Coons, Pennsylvania, third.
200 yards Freshman Relay—1m. 49 2-5s., Princeton team, won; Yale, second; Columbia, third.

Eleventh Annual Meet.

Held at Weightman Hall Pool, University of Pennsylvania, Philadelphia, Pa., March 24, 1917.

50 yards—26s., Lemcke, Amherst, won; Foster, Massachusetts Institute Technology, second; Nelligan, Amherst, third.
100 yards—1m. 3-5s., Vollmer, Columbia, won; Turner, Wesleyan, second; Mayer, Yale, third; Lemcke, Amherst, fourth.
220 yards—2m. 38s., Vollmer, Columbia, won; Ferguson, Yale, second; Alexander, Yale, third; Hopkins, Yale, fourth.
Plunge—71ft., Birch, Pennsylvania, won; Badger, Yale, second; Scholz, Pennsylvania, third; Jones, C.C.N.Y., fourth.
Fancy Diving—Roat, Pennsylvania, won; Benjamin, Yale, second; Klein, Pennsylvania, third.
Freshman Relay—Princeton Team, won; Pennsylvania, second; C.C.N.Y., third.

Twelfth Annual Meet.

Held at Brokaw Pool, Princeton University, March 24, 1918.

50 yards—26s., Johnson, Princeton, won; Mayer, Yale, and Untersee, Massachusetts Institute Technology, tied for second.
100 yards—1m. 1-5s., Mayer, Yale, and Untersee, Massachusetts Institute Technology, tied for first; Johnson, Princeton, second.
220 yards—2m. 40 1-5s., Keiser, Pennsylvania, won; Cowles, Amherst, second; Bolan, Massachusetts Institute Technology, third.
Plunge—71ft., Elderkin, Pennsylvania, won; Kinnard, Princeton, second; Baum, Pennsylvania, third.
Fancy Diving—Dane, Princeton, won; Gray, Princeton, second; Kazanjian, Princeton, third.
200-yard Freshman Relay—1m. 46s., Yale Team, won; Princeton, second; Pennsylvania, third.

Thirteenth Annual Meet.

Held at College of City of New York Pool, March 22, 1919.

50 yards—25s., Binney, Yale, won; Rogers, Columbia, second; Scranton, Massachusetts Institute Technology, third.
100 yards—1m., Georgi, Princeton, won; Hincks, Yale, second; Johnson, Princeton, third.
220 yards—2m. 42s., Hincks, Yale, won; Cowles, Amherst, second; Leopold, Pennsylvania, third.
Plunge—70ft., Elderkin, Pennsylvania, and Lefurgy, Rutgers, tied for first; Badger, Yale, third.
Fancy Dive—Benjamin, Yale, won; Anderson, Princeton, second; Spear, Wesleyan, third.
800-foot Freshman Relay—2m. 38s., Yale Team, won; Columbia, second; Massachusetts Institute of Technology, third.

Fourteenth Annual Meet.

Held at Carnegie Pool, New Haven, Conn., March 20, 1920.

50 yards—24 4-5s., Binney, Yale, won; Damon, Amherst, second; Solley, Yale, third; Milroy, Yale, fourth.
100 yards—56 4-5s., Hincks, Yale, won; Shields, Pennsylvania, second; Williams, Wesleyan, third; Johnson, Princeton, fourth.
220 yards—2m. 32 3-5s., Shields, Pennsylvania, won; Pratt, Yale, second; Searle, Yale, third; Townsend, Yale, fourth.
Plunge, 75ft.—52 1-5s., Wood, Yale, won; Meagher, Yale, second; Mahar, Columbia, third; Rockwell, Yale, fourth.
Fancy Diving—Pollard, Yale, won; Driscoll, Princeton, second; Gray, Princeton, third; Kingsbury, Yale, fourth.

Fifteenth Annual Meet.

Held at Columbia Pool, New York City, March 19, 1921.

50 yards—24 2-5s., Damon, Amherst, won; Binney, Yale, second; Emory, Navy, third.
100 yards—56 2-5s., Thurston, Yale, won; Jelliffe, Yale, second; Emory, Navy, third.
220 yards—2m. 27 1-5s., Giebel, Rutgers, won; Pratt, Yale, second; Marshall, Yale, third.
200-yard Freshman Relay—1m. 42 3-5s., Pennsylvania team (Medholdt, Loeb, Holst, Genthner), won; Brown, second, Navy, third.
Plunge—75ft., 52 2-5s., Meagher, Yale, won; Mahar, Columbia, second; Wood, Yale, third.
Fancy Diving—Pollard, Yale, won; Armstrong, Pennsylvania, second; Balbach, Columbia, third.

Intercollegiate Swimming Association Approved List of Officials

Head Referee,

L. DE B. HANDLEY (NEW YORK A.C.), 260 WASHINGTON STREET, NEW YORK CITY.

NAME.	AFFILIATION.	REGISTERED FOR.	ADDRESS.
BENJAMIN, M.	Yale	Swimming, Diving	144 Riverside Drive, New York City
CREAMER, F.	Pennsylvania	Swimming	c/o McKim, Mead & White, 40th and Park Ave.,
CURRAN, J.	New York A.C.	Polo, Swimming, Diving	New York A.C., New York City [N.Y.C.
FULLER, D.	Yale	Polo, Swimming	c/o Yale Club, New York City
GENNERT, A. G.	Princeton	Polo	871 St. Nicholas Ave., New York City
HESSENBRUCH, H.	Princeton	Polo, Swimming	Wynnewood, Pa.
HOLM, G. C.	Columbia	Swimming	Columbia University, New York City
KANE, F. P.	Princeton A.C.	Polo, Swimming, Diving	Princeton, N. J.
KENNEDY, E.	Columbia	Polo, Swimming, Diving	Columbia University, New York City.
KIPHUTH, R. J.	Yale	Swimming, Diving	Yale University, New Haven, Conn.
KISTLER, GEORGE	Pennsylvania	Polo, Swimming, Diving	University of Pennsylvania, Philadelphia, Pa.
LEE, CHARLES	New York A.C.	Swimming, Diving	New York A.C., New York City
MACKENZIE, L.	C.C.N.Y.	Polo, Swimming, Diving	College City of New York, New York City
MANLEY, LOUIS	New York A.C.	Polo, Swimming, Diving	263 Ninth Ave., New York City
MARONEY, F.	Lawrenceville	Swimming, Diving	Lawrenceville, N. J.
MAXWELL, H. V.	Lawrenceville	Diving	926 W. State St., Trenton, N. J.
McLANAHAN, ALLEN.	Princeton	Polo, Swimming, Diving	30 Vandeventer Ave., Princeton, N. J.
MENDE, C. H.	Philadelphia S.C.	Swimming	556 N. 17th St., Philadelphia, Pa.
MEFFERT, ALEX.	Chicago A.A.	Polo, Swimming, Diving	Woolworth Baths, New York City
MILON, F. J.	Philadelphia S.C.	Swimming, Diving	Philadelphia Swimming Club, Philadelphia, Pa.
MOUQUIN, LOUIS	Columbia	Polo	29th St. and Sixth Ave., New York City
MULLEN, FRANK.	C.C.N.Y.	Diving	430 E. 84th St., New York City
MURRAY, C. E., JR.		Swimming	Empire Rubber Co., Trenton, N. J.
O'BRIEN, DR. M. C.		Swimming, Diving	Central High School, Philadelphia, Pa.
PETERSON, EUGENE.	Yale	Polo, Swimming	
POTTS, H. C.		Swimming	6470 Main St., Philadelphia, Pa.
PRENTISS, LORY.	Lawrenceville	Swimming, Diving	Lawrenceville School, Lawrenceville, N. J.
REID, OGDEN M.	Yale	Polo	c/o New York Tribune, New York City
RICHARDS, E. C. M.	Yale	Swimming, Diving	119 E. 71 St., New York City
ROBINSON, T. H.	Princeton	Polo	15 Alexander St., Princeton, N. J.
ROGERS, H. H.	Columbia	Polo, Swimming	
RUSSELL, JOSEPH.	Pennsylvania	Polo, Swimming	575 Riverside Drive, New York City
SCOBEY, WILLIAM.	Yale	Polo, Swimming, Diving	
SHELL, DR. J. K.	Pennsylvania	Swimming, Diving	1228 S. 46th St., Philadelphia, Pa.
STEVENS, L. C.	Johnson & Johnson A.A.	Swimming	New Brunswick, N. J.
SULLIVAN, FRANK.	Princeton	Polo, Swimming, Diving	Princeton University, Princeton, N. J.
SWAN, ROBERT	Pennsylvania	Polo, Swimming	
TANDY, WILLIAM.	Pennsylvania	Polo	National City Company, New York City
VOLLMER, HAL	Columbia	Polo, Swimming	New York A.C., New York City
WARDEN, H. W.	Princeton	Polo	1520 Spruce St., Philadelphia, Pa.
WIGHT, G. K.	Princeton	Polo, Swimming, Diving	17 Prospect Terrace, Montclair, N. J.
WILSON A., JR.	Yale	Swimming, Diving	149 Broadway, New York City

1, Andrew Wilson, Jr., Yale '13, President; 2, Joseph Russell, Pennsylvania '16, Vice-President; 3, Goulding K. Wight, Princeton '13, Secretary-Treasurer.

OFFICERS OF THE INTERCOLLEGIATE SWIMMING ASSOCIATION.

Officers

OF THE

Intercollegiate Swimming Association

President

ANDREW WILSON, JR., Yale, '13.

Vice-President

JOSEPH RUSSELL, Pennsylvania, '16.

Secretary-Treasurer

GOULDING K. WIGHT, Princeton, '13.

Executive Committee

E. ED. HARKAVY, C.C.N.Y.
FRANK MCCABE, Columbia.
W. PALEY, Pennsylvania.
R. E. VOGEL, Princeton.
W. W. HOLDEN, Yale.

Committee on Rules

JOSEPH RUSSELL, Pennsylvania, Chairman.
FRANK J. SULLIVAN, Princeton.
L. DE B. HANDLEY, New York A.C.

Committee on Officials

GOULDING K. WIGHT, Princeton, Chairman.
ANDREW WILSON, JR., Yale.
JOSEPH RUSSELL, Pennsylvania.

Committee on Records

L. DE B. HANDLEY, New York A.C., Chairman.
FRANK J. SULLIVAN, Princeton.

Constitution

OF THE

Intercollegiate Swimming Association

I. NAME.

The name of this Association shall be the INTERCOLLEGIATE SWIMMING ASSOCIATION.

II. OBJECT.

To promote the sport of swimming among the colleges.

III. MEMBERSHIP.

(a) Membership in the Association shall be divided into two classes:

1. Full Membership.
2. Associate Membership.

(b) Any college which is represented by both swimming and water polo teams shall be eligible to full membership.

(c) Any college which is represented by a swimming team only shall be eligible to associate membership.

Associate members are entitled to enter contestants in the Individual Championships.

(d) Any college desirous to join the Association shall send to the President a written application to be submitted to the Executive Committee, stating the class of membership desired.

Unanimous votes of all colleges holding full membership shall be necessary for election.

Upon notification of election the entrance fee and dues for one year shall be paid to the Treasurer of the Association, whereupon such college shall be registered as a member of the Intercollegiate Swimming Association.

(e) Members must keep the Secretary-Treasurer informed of any change of management and of the names and addresses of the manager of the swimming team.

(f) Any college may withdraw from the Association by sending in a resignation signed by the manager.

IV. OFFICERS.

(a) The officers shall consist of a President, a Vice-President, a Secretary-Treasurer, and an Executive Committee.

(b) The President, Vice-President and the Secretary-Treasurer of this Association shall be graduates of different colleges holding full membership.

(c) The terms of the original officers shall be two, one and three years, respectively, and subsequent terms of office shall be for three years each.

(d) The President, Vice-President and the Secretary-Treasurer shall be members ex-officio of the Executive Committee, the remainder of which committee is to consist of one undergraduate representative appointed from each college holding full membership. The term of office for undergraduate members shall continue for one year.

(e) The annual election of officers shall be held immediately prior to the Individual Championships.

V. DUTIES OF OFFICERS.

(a) The President shall preside at each meeting of the Association and enforce all laws and regulations of the Association. He shall appoint all committees, except the Executive Committee, and preside over the Executive Committee.

(b) The Vice-President shall preside at all meetings in the absence of the President, and shall perform all duties of that officer in case of his absence or disability.

(c) The Secretary-Treasurer shall conduct all official correspondence of the Association, issue notices of all meetings to all members of the Association and perform such other duties as may be assigned to him by the Association, and keep a list of meets and records. He shall also keep all accounts and receive all moneys of the Association, and at each annual meeting shall present a written statement of the financial condition of the Association.

(d) The duties of the Executive Committee shall be to consider questions affecting the policy and welfare of the Association, and to present for consideration at the annual meeting such propositions as may seem wise.

VI. COMMITTEES.

The following standing committees shall be appointed each year, at or before the October meeting, by the President:

1. Committee on Rules.
2. Committee on Officials.
3. Committee on Records.

VII. MEETINGS OF THE ASSOCIATION.

(a) There shall be two regular meetings of the Association each year, one on the last Sunday in October at a place selected by the Secretary, the other to be held the afternoon of the Individual Championships. The Secretary will issue notices of these meetings to the manager of the swimming team of each college two weeks previous to these dates.

(b) Each college shall send at least one representative, but not more than three.

(c) Each college holding full membership is entitled to one vote only.

(d) Order of business shall be:

1. Roll call.
2. Old business.
3. Reports and communications.
4. New business.

(e) A special meeting may be called upon not less than one week's notice whenever the officers of the Association shall deem it necessary, or when two colleges holding full membership shall make a written request to the President for such a meeting.

(f) A majority of the colleges holding full membership in the Association shall constitute a quorum at any meeting of the Association.

VIII. ENTRANCE FEES AND DUES.

Entrance fees shall be $10.00 for each college entering the Association. Dues shall be $15.00 for full members and $10.00 for associate members, payable annually before the fifteenth day of December.

IX. AMENDMENTS.

This constitution may be amended by a majority vote of the members holding full membership.

By-Laws
OF THE
Intercollegiate Swimming Association

I. INTERCOLLEGIATE CHAMPIONSHIPS.

The Association shall each year award separate championships in swimming and in water polo.

Each college holding full membership in the Association must enter a swimming team and a water polo team in every league meet.

The championships in swimming and water polo shall be open only to colleges holding full membership and shall be decided by a series of meets in which each college of the Association shall meet every other college twice, once at home and once abroad, the championship being awarded to the team having the highest percentage standing at the end of the season.

Championship plaques of suitable design shall be awarded by the Intercollegiate Swimming Association to the championship swimming and water polo teams.

II. EVENTS.

The programme and order of events shall be as follows:

1. 50-yard Swim.
2. Fancy Diving.
3. 220-yard Swim.
4. Plunge for distance.
5. 100-yard Swim.
6. First Half of Water Polo.
7. Relay Race (4 men, each to swim at least 50 yards).
8. Second Half of Water Polo.

When a league member holds a meet and no water polo game is played, the order of events shall be: 1, Relay; 2, Fancy Diving; 3, 50 yards; 4, 220 yards; 5, Plunge; 6, 100 yards.

III. SCORING OF POINTS.

In all dual meets points shall be scored as follows: In individual events, 5 for first place, 3 for second place and 1 for third place. In Relay: 8 for winning team and nothing for losing team.

IV. TIME OF MEETS.

The schedule for the coming season must be completed and adopted at the regular October meeting. On or before the 15th of November the managers of teams which are full members shall file with the Secretary of the Association their schedule of the dates for meets between other colleges which are full members.

No date for a dual meet can be changed except by mutual agreement of the colleges concerned.

In the event that no date can be agreed upon, the managers of the respective teams shall confer with the officers of the Association, not less than two weeks before the original date set, who shall thereupon, after due consideration, fix a date for the meet. The college then failing to compete shall forfeit the meet.

In case of tie, the championship shall be decided in a neutral tank, the details to be decided at the meeting prior to the Individual Championships.

V. ELIGIBILITY.

No man who has competed on any team in the Association against any member of this Association in three seasons shall be eligible to compete. No Freshman shall be allowed to represent his college on the university team. This provision shall apply only to teams which are full members of this Association.

VI. EXPENSES.

In all dual league meets the home team shall keep all gate receipts. Each visiting team shall defray its own expenses. All other expenses for holding such meets shall be paid by the home team. This provision shall apply only to meets between full members.

VII. REFEREES AND OFFICIALS.

No graduate or alumnus or any person who is or has been connected with either competing college shall be allowed as a referee or official, except by mutual consent of the competing colleges.

There shall be a Head Referee and a list of referees approved by the Executive Committee. The referee must be selected by the manager of the home team from the list submitted by the Executive Committee unless the opposing managers mutually agree on some man not on the list. If the managers cannot procure a referee according to the above, the Head Referee shall appoint the referee for the meet.

The manager of the home team shall procure the officials for each meet and submit their names to the manager of the visiting team for his approval.

The officials for the Individual Championships shall be appointed by the manager of the team holding the meet. Such appointments must have the approval of the Executive Committee.

If the opposing managers cannot agree on minor officials, the referee of the meet shall choose them on the night of the meet. The diving judges must be selected in the same manner as the referee.

VIII. INDIVIDUAL CHAMPIONSHIPS.

The Intercollegiate Swimming Association shall each year hold an Indoor Individual Championship meet at a place as hereinafter provided. No points shall be awarded for places in this meet, nor shall

it have any bearing on the Intercollegiate Championship. The Intercollegiate Swimming Association shall award medals from the regulation die to winners as follows:

Gold medals for first places, silver medals for second places, bronze medals for third places, and gold medals to each member of the winning Freshman relay team.

The expenses of the meet shall be paid out of the gate receipts, and any surplus up to twenty dollars shall go into the treasury of the Association.

The programme and order of events for the Individual Championships shall be as follows:

1. Freshman Relay (4 men to swim at least 50 yards).
2. Fancy Diving.
3. 50 yards.
4. 220 yards.
5. Plunge for Distance.
6. 100 yards.

The colleges holding full membership shall be entitled to hold the Individual Championships at home in regular order, the order being: Columbia, Pennsylvania, Princeton, College of the City of New York, Yale, starting with Columbia in 1921.

The Freshman and three-year eligibility rules shall apply to all contestants at the Individual Championships.

1, J. T. Taylor, Coach; 2, Friedman; 3, Jacobs; 4, Clark; 5, Pearlman; 6, Baur, Mgr.; 7, English; 8, Corr; 9, Taylor, Capt.; 10, Marshall; 11, Kistler; 12, Moulton.

UNIVERSITY OF PITTSBURGH SWIMMING TEAM.

1, Bates, Asst. Mgr.; 2, Peck, Mgr.; 3, Leitch; 4, Lawrence; 5, Waterman; 6, Cook; 7, Meek; 8, R. T. Young, Coach; 9, McLean; 10, Stickel; 11, Prytherch, Capt.; 12, Weeks; 13, Gordon; 14, Wilcox. Doust, Photo.

SYRACUSE UNIVERSITY SWIMMING TEAM.

Western Intercollegiate Conference Section

Indiana University
Northwestern University
Purdue University

University of Chicago
University of Illinois
University of Iowa

University of Michigan
University of Minnesota
University of Wisconsin

1, J. H. White, Coach; 2, Monroe; 3, Kramer; 4, Allison; 5, Gordon; 6, Merriam; 7, Whitney; 8, Ivy; 9, Jenkins; 10, Yegge, Capt.; 11, Blinks; 12, Gleason; 13, Radcliff; 14, Schuh; 15, White.

UNIVERSITY OF CHICAGO SWIMMING TEAM,
Conference Champions, 1921.

Review of Western Conference Swimming

By E. J. Manley, Coach University of Illinois.

The 1921 swimming season in the Western Conference was a remarkable one indeed in every respect. Each of the colleges represented had swimmers of championship calibre, and never before in the history of the Big Ten was the enthusiasm so great and competition so keen both in the dual meets and at the Conference championship meet, held March 18 and 19 at Evanston, Ill., in the Northwestern University tank.

Chicago without doubt had the best team and was fairly well balanced in every event. Blinks, the young Chicago star, was in a class by himself. His performance was remarkable in breaking a number of tank records and hanging up new Conference records in the 40, 100 and 220-yard events. Gordon, Chicago's plunger, lived up to expectations by taking first in the plunge for distance.

Minnesota sprang a real surprise by taking second place, placing in almost every event and winning the 160-yard relay. Lampher was the backbone of the Minnesota team. He took first in the 440-yard and second in the 220-yard free style swims.

With the Illinois team, Dennett again proved his class by taking first in the 150-yard backstroke. Yegge, of Chicago, sprang a surprise by winning from Dennett in a dual meet earlier in the season, but at the Conference Dennett came back and beat the Chicago back-stroker, although pressed to the limit. Yegge took an easy second place. The field was unusually good as regards back stroke men. Day of Minnesota and Hayford and Agnew of Northwestern were closely bunched for second line men. In the plunge, Taylor won second place for Illinois. Atwood and Gordon, both of Minnesota, also showed up well in this event.

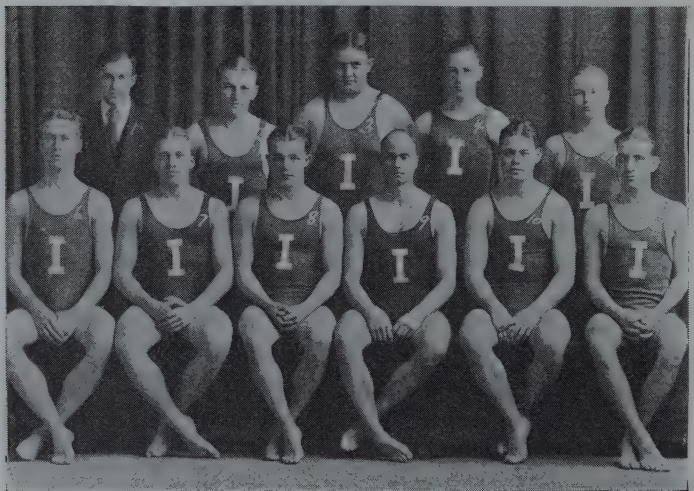
Royal and McNally of Illinois and Paver of Northwestern were also men of unusual ability in the sprints. Royal was the outstanding one of the three. In the 40-yard event he was merely outtouched by Blinks and forced the Chicago man to hang up a new record of 19 3-5 seconds to win.

The honors for the 160-yard relay justly belong to Illinois. That speedy team finished the entire season with a clean slate up to the finals in the Conference. In the Conference preliminaries Illinois set up a new Big Ten record of 1:20 1-5, but was beaten by Minnesota in the finals. The time made by Minnesota was much lower than the record set by Illinois, and the down-state team lost only by its inability to take advantage of the quick touch-off. As it was, the race was so close that a tie decision was being considered by the judges. The new Conference record set up in the preliminaries will, however, hold.

In the breast stroke, Wisconsin had everything its own way and gave the unusual exhibition of placing three men in the finals in this event, taking first, second and third places.

1, Richter; 2, Scarborough; 3, Lindsey; 4, Lowery; 5, Daniels; 6, Gottlieb; 7, Thompson; 8, T. Robinson, Coach; 9, Morgan; 10, Hathaway; 11, Paver; 12, M. Hayford, Capt. Swimming team; 13, Huguenmn, Capt. Water Basket Ball team; 14, J. Hayford; 15, Post; 16, Penfield; 17, Brenne; 18, Mills; 19, Dickson; 20, Halley; 21, Flack; 22, Agnew. Toloff, Photo.

NORTHWESTERN UNIVERSITY SWIMMING AND WATER BASKET BALL TEAMS.



1, E. J. Manley, Coach; 2, Dvorak; 3, Taylor; 4, Cortes; 5, Lyons; 6, Dennett; 7, Postle; 8, Olsen; 9, Royal, Capt.; 10, Linden; 11, Harvey.

The fancy diving event went to Crawley of Northwestern for the second time, but he was hard pressed by Hamilton of Purdue, Collins of Wisconsin, Huguenin of Northwestern and Dvorak of Illinois. Competition was very keen in this event. Past performance of the men showed there was very little difference in their ability.

The final rating of the Conference teams in the dual swimming meets follows:

Team.	Won.	Lost.	PC.	Team.	Won.	Lost.	PC.
Northwestern	5	0	1000	Illinois	1	2	.333
Chicago	3	1	.750	Wisconsin	0	3	.000
Minnesota	1	1	.500	Iowa	0	2	.000

WESTERN CONFERENCE CHAMPIONSHIPS

Held at Northwestern University, March 18-19, 1921.

40 yards—19 3-5s., Blinks, Chicago, won; Royal, Illinois, second; Paver, Northwestern, third; McNally, Illinois, fourth.

100 yards—56 3-5s., Blinks, Chicago, won; Paver, Northwestern, second; Gow, Minnesota, third; Hamilton, Purdue, fourth.

220 yards—2m. 31 2-5s., Blinks, Chicago, won; Lampher, Minnesota, second; Dickson, Northwestern, third; M. Hayford, Northwestern, fourth.

440 yards—5m. 52 3-5s., Lampher, Minnesota, won; Blinks, Chicago, second; M. Hayford, Northwestern, third; Dennett, Illinois, fourth.

200-yard Breast Stroke—2m. 46 3-5s., Koch, Wisconsin, won; Peterson, Wisconsin, second; Collins, Wisconsin, third; Jenkins, Chicago, fourth.

150-yard Back Stroke—1m. 57 1-5s., Dennett, Illinois, won; Yegge, Chicago, second; J. Hayford, Northwestern, third; Day, Minnesota, fourth.

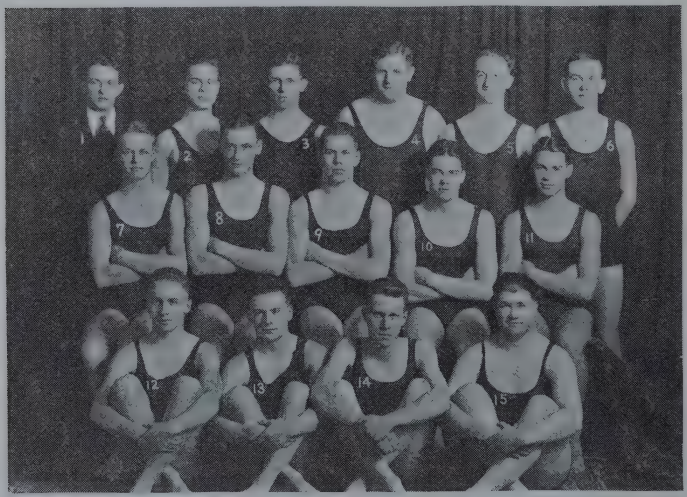
Fancy Diving—Crawley, Northwestern, won; Collins, Wisconsin, second; Hamilton, Purdue, third; Koch, Wisconsin, fourth.

Plunge—60ft., 21 4-5s., Gordon, Chicago, won; Taylor, Illinois, second; Atwood, Minnesota, third; Jordan, Minnesota, fourth.

160-yard Relay—1m. 22 2-5s., Minnesota team (Swanson, Holmes, Hill, Gow), won; Illinois, second; Chicago, third; Northwestern, fourth.

1, J. Steinauer, Coach; 2, Peterson, Mgr.; 3, Bach; 4, Melzer, Asst. Mgr.; 5, Petersen; 6, Pabst; 7, Logie; 8, Collins; 9, McMurray; 10, Baker; 11, Lahman; 12, Koch, Capt.; 13, Haldeman; 14, Davies.

UNIVERSITY OF WISCONSIN SWIMMING TEAM.



1, N. Thorpe, Coach; 2, Gow; 3, Lanpher; 4, Atwood; 5, Harmon; 6, Swanson; 7, Hill; 8, Dinmore; 9, Holmes, Capt.; 10, Langford; 11, Day; 12, Perlman; 13, Brunner; 14, Arness; 15, Jordan.

UNIVERSITY OF MINNESOTA SWIMMING TEAM.

All-Conference and Western Intercollegiate Swimming Teams for 1921

By Tom Robinson, Coach Northwestern University.

The past season was one of the best in years, similar to the days of Earle and Ries of Chicago and Johnson and Simonsen of Northwestern, back in 1916-17-18-19. In picking the all-star first and second swimming teams for 1921, I shall be guided by the best performance in both the dual meets and the Conference individual championships.

The great find of the year was Blinks of Chicago, who is picked for captain. Paver, Northwestern; Royal, Illinois; Gow and Lampher, Minnesota, and Dickson, Northwestern, were other good men uncovered in the crawl events. Koch of Wisconsin was easily the class of the Conference in the breast stroke. Peterson, Wisconsin; Collins, Wisconsin; Jenkins, Chicago; Morgan, Northwestern, and Harmon, Minnesota, proved real contenders in this event.

Max Hayford, Northwestern, provided good competition through the season and led his team for a clean slate in all the dual meets. There was an unusually good field of back-strokers. Dennett of Illinois again proved his class, while Yegge of Chicago kept his slate clean except to Dennett. Day, Minnesota; J. Hayford and Agnew of Northwestern and Koch of Wisconsin were closely bunched.

The fancy diving went to Crawley of Northwestern by a good margin. Koch, Wisconsin; Huguenin, Northwestern; Collins, Wisconsin; Grumbo, Northwestern, and Hamilton of Purdue were easily the next best five in this event. In the plunge Gordon, Chicago, proved his class by winning every start. Atwood, Minnesota; Taylor, Illinois, and Jordon, Minnesota, were bunched for secondary honors.

In the relay, Illinois finished the season with a clean slate up to the finals in the Conference meet, Royal and McNally being their mainstays. Northwestern dropped only one race in the relay, and that to Illinois, Paver and Max Hayford pulling the team through. Minnesota had a well balanced team that won the relay in the Conference meet, having two freshmen to start in the finals. Blinks of Chicago pulled his team through in this event for a third in the Conference.

The 40-yard swim went to Blinks of Chicago, with Paver. Northwestern and Royal, Illinois, close seconds; McNally, Illinois; Bach, Wisconsin; Richter, Northwestern, and Holmes, Minnesota, rank high. Blinks also takes the lead in the 100-yard swim, with Paver, Northwestern, a good second, and Gow, Minnesota, and Hamilton, Purdue, fighting for a place. Lindsey, Northwestern, and Royal, Illinois, both swam the distance under the minute mark.

Blinks leads again among the 220 men; Lampher, Minnesota, is a good second, while Max Hayford and Dickson of Northwestern and Gow of Minnesota fight for the other places. Lampher of Minnesota furnished the surprise in the 440 event by winning first place. Blinks, after winning three firsts, gave him a good race. Hayford, Northwestern, took an easy third. The time although good was not fast.

1, Adams; 2, Smith; 3, Ullmann; 4, Hanson; 5, Porter; 6, Schwartz; 7, Babcock; 8, Elliott, Mgr.; 9, Carnegie; 10, Gilmore, Capt.; 11, Hyde; 12, E. C. Drulard, Coach; 13, Steketee; 14, Yerkes; 15, Randall; 16, White; 17, Hubbard; 18, Searle. Rentschler, Photo.

UNIVERSITY OF MICHIGAN SWIMMING TEAM.

1, M. L. Clevett, Coach; 2, Roberts; 3, Murphy; 4, Hensler, Mgr.; 5, A. C. Stoever; 6, Benton; 7, Hamilton, Capt.; 8, E. C. Stoever.

PURDUE UNIVERSITY SWIMMING TEAM.

All-Conference Swimming Team 1921

FIRST TEAM.

Relay—
Blinks, Chicago
Paver, Northwestern
Royal, Illinois
M. Hayford, Northwestern

Fancy Diving—
Crawley, Northwestern
Koch, Wisconsin
Huguenin, Northwestern

40 Yards—
Blinks, Chicago
Paver, Northwestern
Royal, Illinois

Breast Stroke—
Koch, Wisconsin
Peterson, Wisconsin
Collins, Wisconsin

220 Yards—
Blinks, Chicago
Lampher, Minnesota
Hayford, Northwestern

Plunge—
Gordon, Chicago
Atwood, Minnesota
Jordon, Minnesota

Back Stroke—
Dennett, Illinois
Yegge, Chicago
Hayford, Northwestern

100 Yards—
Blinks, Chicago
Paver, Northwestern
Gow, Minnesota

440 Yards—
Lampher, Minnesota
Blinks, Chicago
Hayford, Northwestern

SECOND TEAM.

Relay—
Bach, Wisconsin
McNally, Illinois
Hill, Minnesota
Lindsey, Northwestern

Fancy Diving—
Collins, Wisconsin
Trumbo, Northwestern
Hamilton, Purdue

40 Yards—
McNally, Illinois
Bach, Wisconsin
Richter, Northwestern

Breast Stroke—
Morgan, Northwestern
Jenkins, Chicago
Harmon, Minnesota

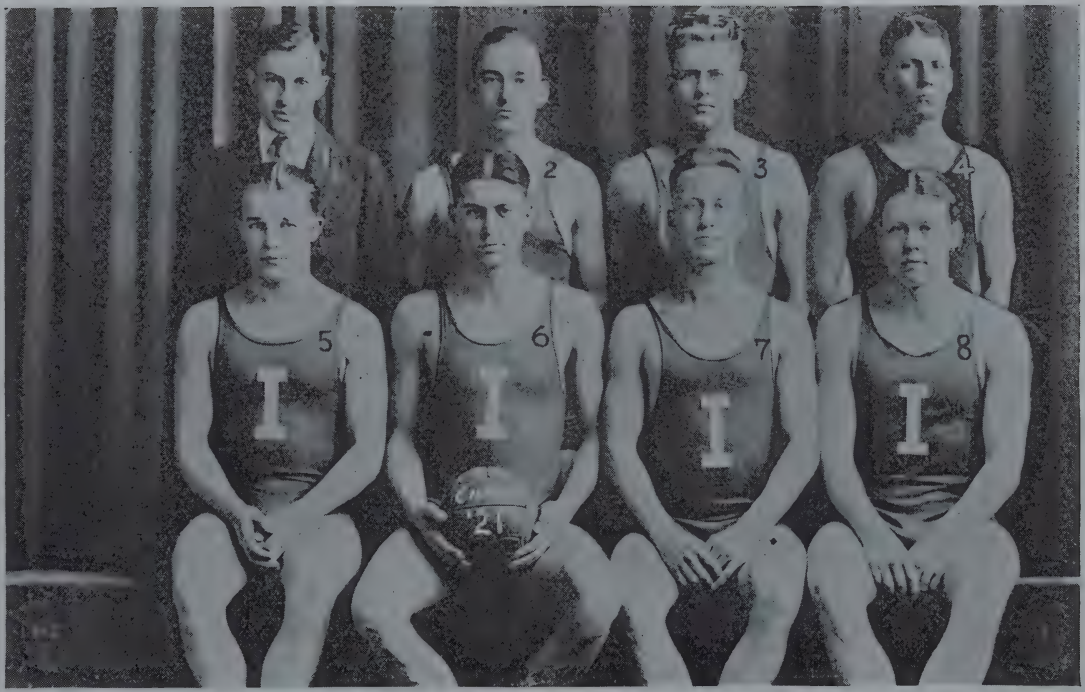
220 Yards—
Dickson, Northwestern
Gow, Minnesota
Postle, Illinois

Plunge—
Taylor, Illinois
Forney, Iowa
Dickson, Northwestern

Back Stroke—
Day, Minnesota
Agnew, Northwestern
Koch, Wisconsin

100 Yards—
Hamilton, Purdue
Lindsey, Northwestern
Royal, Illinois

440 Yards—
Dennett, Illinois
Dickson, Northwestern
Gottlieb, Northwestern



1, E. J. Manley, Coach; 2, Ott; 3, Fox; 4, Hardacre; 5, Olsen; 6, Malkmus; 7, Falkenberg; 8, Wilson.

UNIVERSITY OF ILLINOIS WATER BASKET BALL TEAM,
Conference Champions, 1921.

Western Conference Water Basket Ball Review

By Thos. Robinson, Coach Northwestern University.

Illinois again won the Big Ten Conference championship in water basket ball. The team went through the season winning all games except against Northwestern. The loss of this game by Illinois threw the standing into a triple tie between Illinois, Northwestern and Chicago and it was decided to play off the tie at the Conference meet. By drawing lots, Illinois and Northwestern were scheduled to play March 18. Chicago drew a bye and was to play the winner of the first game. In an extremely hard-fought game, which required two extra periods to reach a decision, Illinois won from Northwestern by the score of 9 to 7, and the following day won the championship by defeating Chicago, 6—2. The splendidly co-ordinated teamwork of Illinois was what won the championship.

ALL-CONFERENCE AND WESTERN INTERCOLLEGIATE WATER BASKET BALL TEAMS

	First Team.	Second Team.
Forwards	Malkmus, Illinois, Capt.	Huguenin, Northwestern
	Penfield, Northwestern	Flint, Chicago
	Olson, Illinois	Goldman, Chicago
Guards	Falkenberg, Illinois	Fox, Illinois
	M. Hayford, Northwestern	Gottlieb, Northwestern
	Hathaway, Northwestern	Koch, Wisconsin

To Malkmus of Illinois goes the honor of captain, for he proved the star of the forwards, scoring in either shallow or deep water. Malkmus is a good fighter, cool and a sure shot if given an opening. Olson, Illinois, is also a good shot if given an opening, and accurate in his passing game, feeding the ball well to his teammates. Penfield, Northwestern, is strong both in offensive and defensive play and hard to keep down.

Falkenberg, Illinois, is good in getting away his passes and a hard, clean player, covering his man at all times. M. Hayford, a fast roving guard, is clever in the passing game and a good shot when playing the offense in deep water. Hathaway, Northwestern, plays equally well at guard or forward, and is probably the best defensive player in shallow water.

On the second team, Fox, Illinois; Huguenin, Northwestern, and Goldman, Chicago, showed best in deep water, alternating as forwards and

1, Hathaway, Northwestern, guard; 2, Malkmus, Illinois, forward and captain; 3, Hayford, Northwestern, guard; 4, Penfield, Northwestern, forward; 5, Olson, Illinois, forward; 6, Falkenberg, Illinois, guard.

ALL-STAR WATER BASKET BALL TEAM.

guards. Koch, Wisconsin, also proved his ability in deep water. Flint, Chicago and Gottlieb, Northwestern, were strong as defensive players, keeping the opposing forward covered at all times.

The two feature games of the year were between Illinois and Northwestern. In the game on March 12 the full time game was played without a score and it was necessary to play three extra periods, Northwestern finally winning by the great work of Hathaway. In the play-off of the Conference triple tie, Northwestern lost to Illinois after a great game which went two extra periods, the final score being 9 to 7. Penfield, Northwestern, and Malkmus, Illinois, starred in the offense, each scoring two goals.

The final standing of the water basket ball teams follows:

Team.	Won.	Lost.	PC.	Team.	Won.	Lost.	PC.
Illinois	4	1	.800	Iowa	0	2	.000
Chicago	3	2	.600	Wisconsin	0	3	.000
Northwestern	3	2	.600				

1, White, Coach; 2, Sudan; 3, Hall; 4, Flint; 5, Vynalek; 6, Beckwith; 7, Merriam; 8, Goldman, Capt.; 9, Vitkin; 10, Allison; 11, Gordon; 12, Mills.

UNIVERSITY OF CHICAGO WATER BASKET BALL TEAM.

1, Thompson; 2, Moore; 3, Bass; 4, Lauter; 5, Churchman; 6, Kellogg; 7, Thompson; 8, Sauer.

INDIANA UNIVERSITY SWIMMING TEAM.

New England Intercollegiate Swimming Association Section

Amherst

Boston University

Brown

Dartmouth

Harvard

Massachusetts Inst. of Technology

Wesleyan

Williams

1, Purinton; 2, Skinner; 3, Brown; 4, **Miller, Asst. Mgr.; 5, Ferdinand, Mgr.**; 6, Palmer; 7, Willis; 8, Boyce; 9, Junod; 11, Trowbridge; 12, Biddell, Capt.; 13, Colton; 14, Greene; 15, **Young**; 16, Kenyon; 17, Kendall. Notman, Photo.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY SWIMMING TEAM,
Winners New England Intercollegiate Championship.

Review of New England College Swimming

By Chas. H. Huggins, Coach Brown University.

Swimming took a decided advance in New England with the opening of the new Spalding Pool at Dartmouth. Under the able coaching of Sid Hazleton, the Hanover team made a very creditable showing for the first year, and next season promises to make trouble for the best.

Brown had a very successful season, losing only to Yale, having defeated all other New England teams except Amherst, whom they did not meet. Amherst, although not as strong as in the previous season, presented a formidable aggregation; M.I.T., winners of the New England individual championships, had a strong and well-balanced team; Wesleyan had speed in the sprints, but lacked plungers and distance men; Williams' season was not very successful, although they offered strong opposition to all opponents, especially in the plunge; Boston University had a few meets, but showed no exceptional strength; Harvard, handicapped by the lack of a pool at college, has to go into Boston to practice—they were not up to the form of past seasons.

Some notable performances should be mentioned. Jones of Brown lowered the 100-yard Intercollegiate record of 56 2-5s. to 55 3-5s., also set a northeastern Intercollegiate record for the 220-yard with 2m. 32s. Brown's relay made the fast time for the 200-yard relay of 1m. 43s. Captain Damon of Amherst, a consistent performer, won the 50-yard Intercollegiate championship in 24 3-5s. Captain Bird of Dartmouth plunged 75 feet in 51 4-5s. against Brown, while his teammate, Short, did it in 55s.

NEW ENGLAND INTERCOLLEGIATE CHAMPIONSHIPS.

For the second successive year the Massachusetts Institute of Technology team won the New England Intercollegiate championship, held March 12, 1921, at the Boston Y.M.C.A. school with a total of 19 points. Dartmouth, with the first swimming team in the history of the college, made an excellent showing, getting second place with 12 points, just a lone point ahead of Wesleyan, which finished third. Amherst got 6 points, but Brown, without the use of Jones and Smith, who are freshmen and ineligible to compete in this meet, scored 5 points. Boston University finished last with 2 points.

Two records were smashed. Damon of Amherst clipped off a fraction from the 50-yard time when he was pushed by Fitzgibbon of Brown in the trial heat, going the distance in 25 1-5s. In the plunge, Captain Bird of Dartmouth set new figures for 75 feet, gliding this distance in 51 1-5 seconds.

The events were closely contested. In the 50 final Damon led from the start. The real fight was for second place, Williams of Wesleyan

1, C. H. Huggins, Coach; 2, Perkins; 3, Staples; 4, Mazet; 5, Gorman; 6, Almy; 7, Brack, Mgr.; 8, Dawson; 9, Adams; 10, Fitzgibbon, Capt.; 11, Jones; 12, Whitehouse.

BROWN UNIVERSITY SWIMMING TEAM.

1, Loomis, Mgr.; 2, Barker; 3, Damon; 4, Henry; 5, Spear; 6, Reed; 7, Winch, Asst. Mgr.; 8, Myers; 9, Davis; 10, Whitcomb, Capt.; 11, Brough; 12, Ewer; 13, Soule.

AMHERST COLLEGE SWIMMING TEAM.

holding a slight advantage over Fitzgibbon of Brown. Adams of Brown was fourth.

Williams was never headed in the 100. He finished an arm's length ahead of Taylor of Dartmouth, who was all but overtaken by Biddell of M.I.T. Roberts of Dartmouth trailed about a yard behind for fourth.

After Richardson of Boston University had led the field for three lengths in the 220, Green and Trowbridge, both M.I.T., moved ahead. The spurt told on Trowbridge, but Green shot into a five-yard lead and held it to the finish, winning in 2m. 40 3-5s. Trowbridge beat out Richardson for second place by a foot, while Berrien of Wesleyan finished fourth.

Bird's record breaking plunge placed him first. Short of Dartmouth also went under the minute for the 75 feet, getting a 58 2-5s. Southwick of Wesleyan and Boyce of M.I.T. finished in the order named.

The diving went to Skinner of M.I.T., who won from his teammate, Ferdinand, by a close margin. Dawson of Brown was third and Ewer of Amherst fourth.

In the freshmen relay the Brown team, with the speedy Davy Jones as anchor man, easily won from the M.I.T. first year men. The summaries:

50 yards—26 1-5s., Damon, Amherst, won; Williams, Wesleyan, second; Fitzgibbon, Brown, third; Adams, Brown, fourth.

100 yards—60 2-5s., Williams, Wesleyan, won; Taylor, Dartmouth, second; Biddell, M.I.T., third; Roberts, Dartmouth, fourth.

220 yards—2m. 40 3-5s., Greene, M.I.T., won; Trowbridge, M.I.T., second; Richardson, Boston University, third; Berrien, Wesleyan, fourth.

200-yard Freshman Relay—Brown University (Jones, Smith, Mazet, Staples), won; M.I.T. team, second.

Plunge—75ft., 51 1-5s., Bird, Dartmouth, won; Short, Dartmouth, second; Southwick, Wesleyan, third; Boyce, M.I.T., fourth.

Fancy Diving—Skinner, M.I.T., won; Ferdinand, M.I.T., second; Dawson, Brown, third; Ewer, Amherst, fourth.

1, Quick, Mgr.; 2, Tyson; 3, Strickland; 4, Dr. Fauver, Coach; 5, Southwick; 6, Scudder; 7, Rausch, Asst. Mgr.; 8, Lawson; 9, Hannon; 10, Williams, Capt.; 11, Berrien; 12, Sutherland; 13, Yerkes; 14, Thomas; 15, Morgan; 16, Foster.

WESLEYAN UNIVERSITY SWIMMING TEAM.

1, Colton; 2, Trowbridge; 3, Biddell, Capt.; 4, Greene.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY RELAY TEAM.

Notman, Photo.

New England Intercollegiate Swimming Association

At its annual meeting in the spring, May 21, 1920, the New England Conference authorized the appointment of a committee to draw up a plan of organization for a New England Intercollegiate Swimming Association to foster swimming among the group of composing colleges. Dr. Whittier, the president, appointed his committee, consisting of Rowe, Technology, chairman, with Fauver of Wesleyan and Nelligan of Amherst.

This committee has drafted constitution and by-laws and has adopted the rules of swimming as approved by the N.C.A.A. and other affiliated bodies with certain modifications, of which the following are the most significant:

1. As many of the colleges are without tanks in which water polo may be played, the water polo competition is entirely eliminated.

2. The order of events has been modified and now stand as follows:

1. 50-yard swim.
2. Fancy diving.
3. 220-yard swim.
4. 100-yard swim.
5. Plunge for distance.
6. Relay race (4 men as a minimum of 50 yards).

This order shall be followed both in dual competition and in the final New England Championship Meet, which shall be held prior to the regular intercollegiate swimming association championships.

3. In dual meets and the championships, points shall be scored as follows:

5 for first place, 3 for second and 1 for third in all events, exclusive of the relay.

4. In dual meets, 5 points shall be given for the relay to the winner, and no points to the loser.

5. In the final New England Championship Meet 8 points will be given the winner of the relay, 4 points for second place, and 2 points for third.

6. If necessary, preliminary competition will be held on the day prior to the final meet, so that by elimination a desirable and requisite number of competitors may take part in the final events.

While these rules and general plan of organization have not as yet been formally adopted, it is hoped that in their present, or in some not substantially modified form, they will receive approval and go into effect for operation during the current year.

Review of Swimming at Brown University

Swimming took another tremendous step forward as a popular sport at Brown. Since Gorman in the plunge and Whitehouse and Dawson in the dives were the only 'varsity veterans in college, Coach Huggins set to work early to round a team into shape which might successfully cope with the difficult schedule arranged. Valuable men were quickly recognized in Adams and Captain Fitzgibbon for the 50, and D. L. Jones, a freshman who had already gained many swimming laurels before his advent to college in the 100 and 220 distances. Jones swam anchor in the relay as well, the other members of the quartet, which lost but one race during the year, being Adams, Almy and Fitzgibbon. Perkins showed consistent improvement during the season and divided honors with Gorman in the plunge, while Staples, Mazete and Almy frequently came through with seconds to Jones in the 100 and 220. Whitehouse and Dawson conceded a first only to Pollard of Yale and showed excellent form throughout the season.

Nine meets had been arranged for the Brunonians, and until they met the superb Yale aggregation the string of successive victories, including those of the previous year, numbered fourteen. Harvard proved the first victim early in January to the tune of 42—11. In this first meet Jones sprang into the limelight by breaking the Boston Y.M.C.A. pool record for the 100 yards, making the distance in 57 seconds flat. An easy victory over Springfield was followed by the M.I.T. meet in Boston. Much anxiety was felt concerning the outcome, for the Engineers always proved at home in the water; but though some of the events were close, Brown captured all firsts and romped away with the meet by a 38—15 score. Home meets with Rensselaer, Williams, Wesleyan and Dartmouth taxed the capacity of the pool, while the four teams combined scored but 45 points against the Brown mermen, the only first places lost being in the plunge to Dartmouth and Williams. Jones continued as the star of the team, breaking the pool records for the 50, 100 and 220.

The season's efforts had been directed toward the Yale meet in New Haven, and though Brown was on the small end of a 42—11 score, the team performed creditably. The sensation of the evening was Davey Jones' win over Jelliffe in the 100, by which he established a new Intercollegiate record for the distance. The last dual meet resulted in the defeat of Stevens, 46—7.

At the New England Intercollegiates, because of the freshman rule, no spectacular showing was made. Dawson took third in the dives, while the Brown freshman relay team defeated M.I.T.

At the individual championships of the Intercollegiate Swimming Association, Adams placed fourth in the 50, and Whitehouse sixth in the dives. The Brown freshmen sprung a surprise by taking second in the relay, being headed only by Penn.

Eastern Collegiate Swimming Association Section

Johns Hopkins

Lehigh

Rutgers

Swarthmore

1, Brace; 2, Denman; 3, Galbraith; 4, Post; 5, Enander; 6, Bolton; 7, J. H. Reilly, Coach; 8, Schaeffer; 9, Gardner; 10, Chase; 11, Aydelott; 12, Mason; 13, Knitter; 14, O'Dair, Mgr.; 15, Giebel; 16, Hearn; 17, Sherwin, Capt.; 18, Ross; 19, Summerill; 20, Redmond.

RUTGERS COLLEGE SWIMMING TEAM,
Champions Eastern Collegiate Swimming Association.

Review of the Eastern Collegiate Swimming Association Championships

By James H. Reilly, Coach Rutgers College.

Rutgers again won first honors in the Eastern Collegiate championships, which were held on March 5, 1921, at the Rutgers Pool. The Rutgers team scored more points than all other contestants combined.

Rutgers took first place in every event but the breast stroke. Giebel, the Rutgers star and member of the American Olympic team, broke his own record for the back stroke, going the distance in 32 seconds, just three seconds faster than the previous mark.

Lehigh and Johns Hopkins fought hard for second place, but the Pennsylvanians showed more consistency of form than the Marylanders and beat them out, 17 to 14. Swarthmore was fourth with 4 points. Rowland of Johns Hopkins was the only first place winner outside of Rutgers men, the Baltimore swimmer winning the breast stroke from Brenner of Rutgers in fast time. The summaries:

50 yards—25 3-5s., Giebel, Rutgers, won; Hearn, Rutgers, second; Van Nort, Lehigh, third; Davis, Lehigh, fourth.
100 yards—59 3-5s., Giebel, Rutgers, won; Ross, Rutgers, second; Redmond, Rutgers, third; Gould, Johns Hopkins, fourth.
220 yards—2m. 42 4-5s., Ross, Rutgers, won; Gould, Johns Hopkins, second; Jacobs, Lehigh, third; Galbreath, Rutgers, fourth.
200-yard Relay—1m. 49 2-5s., Rutgers team (Giebel, Redmond, Hearn, Ross), won; Johns Hopkins, second; Lehigh, third.
Plunge—60 ft., Schaeffer, Rutgers, won; Arner, Lehigh, second; Regan, Lehigh, third; Aydelatt, Rutgers, fourth.
Fancy Diving—Galbreath, Rutgers, won; Straub, Lehigh, second; Baxter, Swarthmore, third; Sherwin, Rutgers, fourth.
50-yard Back Stroke—32s., Giebel, Rutgers, won; Van Nort, Lehigh, second; Reins, Johns Hopkins, third; Poor, Lehigh, fourth.

The past swimming season was the most successful one in the history of Rutgers. From the very beginning it proved to be a winner. All of the previous year's veterans returned to college with the exception of Lukens, and several new men with great possibilities entered in the freshman class. With this team in the water it repeated its 1920 record and came through the season without a defeat. This record makes it two years since Rutgers has bowed to any opponent. The last defeat was in a close meet with Princeton.

The season began with the defeat of Lehigh by a score of 33 to 20 and continued with victories over M.I.T., C.C.N.Y., Swarthmore, Johns Hopkins, Syracuse, and Springfield Y.M.C.A. by large margins. In the Eastern Collegiate championships the Rutgers team piled up 54 points against 43 points scored by all other rivals combined. Nor did Rutgers come away from the Intercollegiates at New York without honors, for Giebel took first place in the 220 and the team was one of three tied for second place.

1, Muth; 2, Miller; 3, Coady; 4, Call; 5, Hall; 6, Hambleton; 7, Gould; 8, Reins; 9, Buhrer; 10, Keyes; 11, Rowland, Capt. Yatt, Photo.

JOHNS HOPKINS UNIVERSITY SWIMMING TEAM.

1, Straub; 2, Schaffer; 3, Farrington, Mgr.; 4, J. Mahoney, Coach; 5, Regad; 6, Jagels, Asst. Mgr.; 7, Parson; 8, Gangeware; 9, Arner; 10, Van Nort; 11, Jacobs, Capt.; 12, Davis.

LEHIGH UNIVERSITY SWIMMING TEAM.

Constitution

OF THE

Eastern Collegiate Swimming Association

I. NAME.

The name of this association shall be the EASTERN COLLEGIATE SWIMMING ASSOCIATION.

II. OBJECT.

To promote swimming, life-saving, and water sports.

III. MEMBERSHIP.

Any college on Eastern Seaboard shall be eligible for associate membership.

IV. EXECUTIVE COMMITTEE.

Each college shall appoint yearly one or two men to represent it on the Executive Committee which shall meet on the last Saturday in March at the college holding the individual championships. Each college shall have but one vote.

The Executive Committee may hold special meetings from time to time as it sees fit and transact business through the mails.

V. OFFICERS.

The officers of the Eastern Collegiate Swimming Association shall be elected at the required annual meeting of the Executive Committee for the following year from members of said Committee and shall consist of the President, Vice-President, Secretary and Treasurer.

VI. DUTIES OF OFFICERS.

The President shall preside at each meeting of the Executive Committee, and appoint all sub-committees.

The Vice-President shall perform the duties of the President in his absence. The Secretary shall conduct all official correspondence of the association, furnish to each college a written transcript of the minutes of each meeting within ten days after the holding of said meeting, and keep a list of the records.

The Treasurer shall keep all accounts of the association, receive all money of the association and, at each required annual meeting of the Executive Committee, furnish to each member present a written statement of the financial condition of the association.

VII. AMENDMENTS.

This constitution may be amended only by a two-thirds vote of all the colleges in the association in the required annual meeting of the executive committee.

VIII. INITIATION FEES AND DUES.

Initiation fee shall be $15.00 for each college entering the association. The dues shall be $15.00 annually, payable on December 1st of each year.

The dues of associate membership shall be $15.00 with no initiation fee.

IX. RATIFICATION AND WITHDRAWAL.

The Eastern Collegiate Swimming Association shall be considered as having been formed and this constitution adopted when at least three colleges have officially notified one another of their ratification of this constitution; and shall have named representatives on the Executive Committee.

Each college in ratifying this constitution and accepting membership in the Eastern Collegiate Swimming Association agrees to abide by the by-laws and schedule of dual meets and individual championships as decided upon by the Executive Committee; and to notify the representatives of each college on the Executive Committee in case of a contemplated withdrawal from the association.

By-Laws

OF THE

Eastern Collegiate Swimming Association

I. EASTERN COLLEGIATE CHAMPIONSHIPS.

The association shall each year award a championship in swimming. Each college holding full membership in the association must enter a swimming team in every league meet. The championships in swimming shall be open only to colleges holding full membership and shall be decided by a series of meets in which each college of this association shall meet every other college once, in alternate years at home and away; the championship being awarded to the college whose team has the highest percentage standing at the end of the season.

II. EVENTS.

The program shall include:

1. Relay (4 men each to swim not less than 120 feet or more than 200 feet or 50 yards according to pool).
2. Fancy Diving.
3. 50-yard swim, 2 lengths of pool.
4. Back stroke—2 lengths.
5. 220-yard swim.
6. Plunge for distance.
7. Breast stroke—2 lengths.
8. 100 yard swim.

The order of events shall be decided upon by the opposing managers, provided, however, that if no agreement is reached, five minutes before the scheduled time for the meet to start, the above order shall be followed.

III. SCORING OF POINTS.

In all dual meets, points shall be scored as in Rule V, Section 1 (b) of the Intercollegiate Swimming Rules. In the relay race, 8 points shall be given for first place and no points for second. The team having the greatest number of points shall be declared the winner of the swimming meet.

IV. TIME OF MEETS.

No date for a dual meet can be changed except by mutual agreement of the colleges concerned, or by permission of the association, and when such permission is granted a new date shall be fixed by the association, and the team refusing or unable to compete that date shall forfeit.

V. ELIGIBILITY.

No man who has been a member of an intercollegiate team or teams four years can compete.

VI. CASE OF TIE.

In case of a tie the championship shall be decided in a neutral tank.

VII. EXPENSES.

In all dual meets the home team shall keep all gate receipts. The home team shall also give the visiting team a definite guarantee to cover its traveling expenses. The home team shall pay all other expenses of holding such meets. This guarantee shall be the same for each period of two years between any two colleges.

VIII. REFEREES AND OFFICIALS.

No graduate or alumnus or any person who is or has been connected with either competing college shall be allowed as a referee or official except by mutual consent.

At the first meeting of each year there shall be a list of referees agreed upon by the Executive Committee. The referee must be selected by the manager of the home team from the list submitted by the Executive Committee, unless the opposing managers mutually agree on some man not on the list. If the managers can not procure a referee according to the above, the head referee shall appoint the referee for the meet. If the opposing managers can not agree on minor officials, the referee of the meet shall choose them on the day of the meet. The diving judges must be selected from the official list.

IX. INDIVIDUAL CHAMPIONSHIPS.

The Eastern Collegiate Swimming Association shall each year hold an indoor individual championship meet at a place to be decided by the Executive Committee. No points shall be awarded for place in this meet, nor shall it have any bearing on the Eastern Collegiate Championship. The colleges holding the meet shall award medals from the regulation die to winners as follows: Gold medals for first places, silver medals for second places, and bronze medals for third places. The program and order of events shall be the same as Article II of these By-Laws.

X. RULES.

The Eastern Collegiate Swimming Association officially adopts the National Collegiate Rules on swimming for all meets with the following exception:

Rule V, Section 1. First place in the relay to count 8 points and second place no points.

THEODORE GOULD,
Secretary.

December 23, 1920.

Pacific Coast Section

1, E. Brandsten, Coach; 2, Wilbur; 3, Welsh; 4, Thomas; 5, Stern; 6, Ankele; 7, Sparling; 8, Darling; 9, Lacey, Capt.; 10, Landis; 11, Miller; 12, Overacker; 13, Spielman; 14, Krantzthor; 15, Robinson; 16, Goddard; 17, Stanberry; 18, Strauss; 19, Austin; 20, Bush; 21, Cundall. Freeman, Photo.

STANFORD UNIVERSITY SWIMMING TEAM.

1, Harrison; 2, Sharp; 3, Vierra; 4, Leuschner; 5, Coney; 6, Lampton; 7, Merrill, Capt.; 8, Cohn; 9, Berteaux; 10, O'Connor; 11, Payton; 12, Robertson; 13, D. Montell, Coach.

UNIVERSITY OF CALIFORNIA SWIMMING TEAM.

Review of Pacific Coast Intercollegiate Season

By Doug. Montell, Coach of Swimming, University of California.

During the 1921 season swimming made great progress among the universities on the Pacific Coast. Not only did Stanford and California put strong teams in the field, but the universities of the Northwest, particularly the University of Oregon and the Oregon Agricultural College, put forth teams that made good showings in competition. So successful was the season that plans were formulated for the Pacific Coast Conference to hold a swimming meet in the 1922 season. Heretofore all competition in swimming on the Coast has been limited to dual meets, and with the first Pacific Coast Conference meet to be held at Corvallis, Ore., next spring, there will be seen the greatest interest in collegiate swimming ever known on the Pacific slope.

Stanford University had the strongest tank team in the field of any Coast college during the year. Under Coach Ernest Brandsten the Cardinal had built up a strong team in all events and the men on it were nearly all veterans of previous seasons. Captain Drake in the sprints was ruled ineligible, as was Mills. The loss of these two men was not enough to weaken the Stanford team, as subsequent events proved.

The University of California was in a sore plight for swimmers all year and at the start of the season did not have a single letter man in college. Doug. Montell, who had been captain of the 1920 team, was appointed coach at the beginning of the year and Ted Merrill was elected 'varsity captain. The Blue and Gold, like Stanford, was seriously handicapped in the matter of being unable to secure outside competition. The Olympic Club of San Francisco was the only team available and both Stanford and California lost dual meets to the Winged "O".

California was further handicapped in not having a pool in which to train. Despite these handicaps the Bruins made a bid for tank honors and had a turnout of fifty men for the 'varsity squad. The best prospect developed was Jack Robertson in the sprints, who proved to be able to swim the 50 yards in 25 3-5s. and the 100 in 58. Robertson, however, was ruled ineligible on account of being a transfer student, and with this loss California's chances to win from Stanford went aglimmering.

Both Stanford and California had water polo teams in the field for both freshmen and 'varsity competition. The California team lost to Stanford, 13—3, at Stanford, but the California freshmen proved a scrappy set of youngsters and defeated the Stanford first year team, 6—4. The freshmen teams of Stanford and California met in the annual dual meet in San Francisco in April and California won, 41—27, in a good meet in which two records were broken and two tied. Captain Mitchell of California set a new freshman mark in the 100 by covering the distance in 59 3-5s. With this material available for next season, California will have an exceptionally strong swimming team.

1, E. Brandsten, Coach; 2, Welsh; 3, Thomas; 4, Stern; 5, Austin; 6, Ankele; 7, Lacey; 8, Sparling; 9, Darling; 10, Strauss, Capt.; 11, Spielman; 12, Overacker. Freeman, Photo.

STANFORD UNIVERSITY WATER POLO TEAM.

1, D. Montell, Coach; 2, Robertson; 3, O'Connor; 4, Berteaux; 5, Lockhart; 6, Harrison; 7, Sharp; 8, Thompson.

UNIVERSITY OF CALIFORNIA WATER POLO TEAM.

California's freshman relay team entered the National A. A. U. junior 400 yard relay held at the Olympic Club in San Francisco on April 20 and took second honors in the event, the Olympic Club winning, with the Neptune Club of Alameda taking third. No Eastern relay teams were entered in the championship event.

California and Stanford held their dual 'varsity meet at Stanford on April 23 and Stanford won easily, as had been expected, the final score being 51—17. The meet was not up to standard and none of the existing Stanford-California records were broken. In the past few years a new set of records have been hung up nearly every season. The results of the meet in detail follow:

RELAY (400 feet)—1m. 8 1-5s., won by Stanford (Darling, Dorland, MacConnell and Austin). DIVING—Lacey (S), won; Vierra (C), second; Cundell (S), third. 50 YARDS—26 4-5s., MacConnell (S), won; Payton (C), second; Austin (S), third. 100-YARD BREAST STROKE—1m. 22 2-5s., Sparling (S), won; Miller (S), second; Holtz (C), third. 220 YARDS—2m. 51 1-5s., O'Connor (C), won; Thomas (S), second; Darling (S), third. PLUNGE—63 ft. 5 in., Landis (S), won; Miller (S), second; Stern (C), third. 100-YARD BACK STROKE—1m. 27s., Stern (S), won; Lampton (C), second; Darling (S), third. 100 YARDS—1m. 2 2-5s., Austin (S), won; MacConnell (S), second; Coney (C), third.

Results of the Stanford-California Freshman meet:

RELAY (400 feet)—1m. 11s., won by California (Merrill, Dustin, Christenson and Mitchell). DIVING—Christenson (C), won; Stewart (C), second; Fullerton (S), third. 50 YARDS—26 4-5s., Hooper (S), won; Mitchell (C), second; Dustin (C), third. 100-YARD BREAST STROKE—1m. 23s., Fletcher (S), won; Schmeider (S), second; Dempster (C), third. 220 YARDS—3m. 5 2-5s., Lockhart (C), won; Peters (C), second; McRea (S), third. PLUNGE—60 ft., Rivers (C), won; Fullerton (S), second; Hinkley (S), third. 100-YARD BACK STROKE—1m. 18 4-5s., Fletcher (S), won; Perry (C), second; Peters (C), third. 100 YARDS—59 3-5s., Mitchell (C), won; Hooper (S), second; Walker (C), third.

RESULTS OF STANFORD-CALIFORNIA DUAL MEETS.

	Stanford.	California.		Stanford.	California.
1917	34	33	1920	56	22
1918	23	45	1921	51	17
1919	31	37			

RESULTS STANFORD-CALIFORNIA FRESHMAN MEETS.

	Stanford.	California.		Stanford.	California.
1917	46	22	1920	46	32
1918	49	17	1921	27	41
1919	19	49			

1, E. Brandsten, Coach; 2, Flood; 3, White; 4, Harris; 5, Fletcher, Capt.; 6, Fullerton; 7, Symonds; 8, Lane; 9, Martin; 10, Schmieder; 11, Hinkley; 12, Van Deusen; 13, Hooper; 14, Burdick. Freeman, Photo.

STANFORD UNIVERSITY FRESHMAN SWIMMING TEAM.

1, E. Brandsten, Coach; 2, Flood; 3, Fletcher; 4, Harris; 5, Burdick; 6, Granger; 7, Schmieder; 8, Lane; 9, Fullerton; 10, Hooper, Capt.
Freeman, Photo.

STANFORD UNIVERSITY FRESHMAN WATER POLO TEAM.

Interscholastic Section

All-America Interscholastic Selections

Reviews of Season

Records

ALL-AMERICA
INTERSCHOLASTIC SWIMMING TEAM
1921

Selected by Frank J. Sullivan, Editor Intercollegiate Guide

FIRST TEAM.

Relay—
Speer, Palm Beach (Fla.) High School
Algar, Huntington School, Boston
Gow, Central H.S., Duluth, Minn.
Wright, Central H.S., Erie, Pa.

50 Yards—
Wright, Central H.S., Erie, Pa.
Gow, Central H.S., Duluth, Minn.
Algar, Huntington School, Boston

100 Yards—
Gow, Central H.S., Duluth, Minn.
Crownover, Girard Coll., Philadelphia
Miller, Lane Tech, Chicago

220 Yards—
Hall, Poly Prep, Brooklyn, N. Y.
Chace, Berkeley-Irving School, New York
Hawkins, Lawrenceville (N. J.) School

Plunge—
Schwedt, Northern H.S., Detroit
Stillwell, Andover (Mass.) Academy
Morine, Culver (Ind.) Mil. Acad.

Fancy Diving—
Bontecou, Pawling (N. Y.) School
Kunnerth, Central H. S., Duluth, Minn.
Boyle, Girard Coll., Phiadelphia

Breast Stroke—
Skelton, New Trier H.S., Kenilworth, Ill.
Gerety, Venice (Cal.) High School
Blankley, Senn H.S., Chicago

Back Stroke—
Addison, East H.S., Columbus, Ohio
Miller, Lane Tech, Chicago
Bowers, Los Angeles (Cal.) High School

SECOND TEAM.

Relay—
Howard, Worcester (Mass.) Academy
Marshall, Blair Acad., Blairstown, N. J.
Draper, Andover (Mass.) Academy
Hayes, Exeter (N. H.) Academy

50 Yards—
Howard, Worcester (Mass.) Academy
Marshall, Blair Acad., Blairstown, N. J.
Draper, Andover (Mass.) Academy

100 Yards—
Draper, Andover (Mass.) Academy
Belin, Manual Training, Brooklyn, N. Y.
Steele, South Hills H.S., Pittsburgh

220 Yards—
Smith, Central H.S., Erie, Pa.
Smith, Culver (Ind.) Mil. Acad.
Ehrlich, Northeastern H.S., Detroit

Plunge—
Hazleton, Lawrenceville (N. J.) School
Smith, Northern H.S., Detroit
McCreery, Lawrenceville (N. J.) School

Fancy Diving—
Woolett, Worcester (Mass.) Academy
Bleu, Atlantic City (N. J.) High School
Reynolds, Erasmus Hall H.S., Brooklyn, N. Y.

Breast Stroke—
Duerpof, Maine (Ill.) High School
Brodie, Fifth Ave. H.S., Pittsburgh,
Melziener, Shaw H.S., Cleveland

Back Stroke—
Adams, Central H.S., Detroit
Kerr, New Trier H.S., Kenilworth, Ill.
Ehrlich, Northeastern H.S., Detroit

Review of Interscholastic Season and All-America Selections

By Frank J. Sullivan.

Interscholastic swimming during the past season was the most successful in the history of the sport. Hundreds of teams were in the field and sectional competition reached heights never before attained. Many of our leading universities, Y.M.C.A.'s and athletic clubs held sectional championship meets for schoolboy swimmers, and school swimming leagues were formed in several of the larger cities. The great popularity of the sport no doubt is due mainly to the increased facilities and the interest manifested by leading educators, who recognize the value of swimming not only as an excellent form of exercise but as a means of saving life. The coming season promises to eclipse the one just passed and records that have withstood the attack of several years no doubt will crumple when our embryo Olympic and American champions get into action this fall.

Determining the school champion for last year is impossible, for it would involve a conclusion that could be reached only by comparative scores, a method which would be not only unjust, because of the absence of the element of competition, but because of the fact that a standard programme of events and the need of a controlling body are conditions yet to be realized before Interscholastic swimming may be placed on a national basis, and a basis for comparison of all teams competing. Until the time comes when we have such an organization, we must be content in establishing sectional champions.

Lawrenceville School won Eastern honors, while Culver Military Academy claimed the championship of the Central States through its defeat of the strong Lane Tech team of Chicago, which won the Northwestern University championship, the classic schoolboy competition of that part of the country. Venice High won the Southern California championship, while the high honors of the Northwest was won by North Central High of Spokane. Central High of Omaha are champions of Nebraska, and Central High of Washington, D. C., annexed the title of the South Atlantic States. Worcester Academy of Worcester, Mass., was selected by Boston newspapermen as New England prep school champions, and Mercersburg Academy won the prep school championship of Pennsylvania by winning every meet and defeating such strong teams as the Pennsylvania University and Princeton University freshmen. Girard College of Philadelphia won the Swarthmore College Interscholastic championship, and Schenley High of Pittsburgh finished first in the University of Pittsburgh championship meet, thereby gaining the title of champions of Western Pennsylvania. Northern High of Detroit is the champion of the state of Michigan, while East High won the honors in Cleveland, English High in Boston, and West Philadelphia High in the Quaker City.

1, C. Smith, Culver (Ind.) Mil. Acad.; 2, Kunnerth, Central H.S., Duluth, Minn.; 3, Draper, Andover (Mass.) Acad.; 4, Hall, Poly Prep, Brooklyn, N. Y.; 5, R. Smith, Northern H.S., Detroit; 6, Marshall, Blair Acad., Blairstown, N. J.; 7, Miller, Lane Tech, Chicago; 8, Bontecou, Pawling (N. Y.) School; 9, McCreery, Lawrenceville (N. J.) School; 10, Howard, Worcester (Mass.) Acad.; 11, Morine, Culver (Ind.) Mil. Acad.; 12, Gow, Central H.S., Duluth, Minn.; 13, Crownover, Girard Coll., Philadelphia; 14, Hawkins, Lawrenceville (N. J.) School; 15, Hazleton, Lawrenceville (N. J.) School; 16, Woolett, Worcester (Mass.) Acad.; 17, Boyle, Girard Coll., Philadelphia; 18, Stillwell, Andover (Mass.) Acad.; 19, Schwedt, Northern H.S., Detroit; 20, R. Addison, East H.S., Columbus, Ohio.

ALL-AMERICA INTERSCHOLASTIC SELECTIONS.

Before making an analysis of my selections for the All-American Interscholastic team, I wish to state that although my sources of information regarding the individuals selected are of the best, it is possible that some schoolboy swimmer who rightfully belongs on the mythical team may be omitted. If this has happened I shall place the blame on inadequate information, for it is not through any intention on my part to withhold credit where it is due.

Although the men selected are from all parts of the United States, there are several excellent swimmers who will not be considered as eligible for this team. I will mention Howell of Hyde Park High of Chicago, whom Norman Ross believes to be a coming National champion; Howell, although a bona-fide member of the Chicago school, competes for another organization and of course can not be considered here. Gilbert Brainard of East High, Cleveland, with a record of 1 minute 13 1-5 seconds for 100 yards breast stroke, was ineligible for his school team, as was Lester Smith of San Francisco, who has a record of 56 seconds for the century. All of these sterling swimmers could easily supplant the ones selected, but I believe that unless a boy represents his school in actual competition his eligibiilty for this team is gone.

The relay four chosen for the first team are Speer of Palm Beach High; Algar of Huntington School, Boston; Gow, Central High of Duluth, Minn., and Wright, Central High of Erie, Pa. Gow, with a record of 19 3-5 for 40 yards, and Wright, with 25 1-5 for 50 yards are the leading sprinters of the year. Algar has consistently done under 26, while Speer, the Southern A.A.U. sprint champion, is the choice over Howard of Worcester Academy, who is placed on the second team with Marshall of Blair, Draper of Andover, and Hayes of Exeter.

Wright, Gow and Algar were the fastest men eligible for the sprints and are picked in this order; on the second team, Howard, Marshall and Draper have the call on the others.

Gow of Duluth and Crownover of Girard, each with a mark of 58 in the hundred, and Miller of Lane Tech, Chicago, easily outclass all other candidates in this event; on the second team appear Draper of Andover, Belin of Manual Training of Brooklyn and Steele of South Hills High of Pittsburgh, all very evenly matched and capable of doing under the minute.

Hall of Brooklyn Poly Prep, Chace of Berkeley-Irving School of New York City and Hawkins of Lawrenceville are three of the best furlong swimmers seen in school ranks since the days of Leo Handy of Brookline, although still slower than his record. Hall is placed first with 2:33 2-5s; Chace, second, with 2:35 3-5, and Hawkins is the third choice with 2:37 flat. Smith of Erie, Ehrlich of Detroit and C. Smith of Culver fill the 220-yard berths on the second team.

Selecting the plungers is an easy matter. Fred Schwedt of Northern High, Detroit, holds the world's record with 82 feet 9 inches, a wonderful feat for a schoolboy. Stillwell of Andover is my second choice, with a record for 75 feet to his credit, having plunged this distance in 45 2-5 seconds; Morine of Culver has glided 78 feet in 57 seconds and

1, McCreery; 2, Rice; 3, Hutchison; 4, McGovern; 5, Hepburn, Mgr.; 6, Hazleton; 7, Smith; 8, Cochran; 9, Robbins; 10, MacLaren; 11, Hawkins; 12, Maxwell; 13, Evans, Capt.; 14, Walsh; 15, Blair. Orren Jack Turner, Photo.

LAWRENCEVILLE SCHOOL SWIMMING TEAM,
Eastern Interscholastic Champions, 1921.

60 feet in 21 seconds and is third selection on the first team. On the second team are Hazleton of Lawrenceville with a mark of 75 feet in 49 2-5 seconds, R. D. Smith of Northern High of Detroit and McCreery of Lawrenceville.

Bontecou of Pawling School is one of the best fancy divers ever developed in Interscholastic circles. All critics who have had the pleasure of watching him perform are unstinted in their praise of him. He defeated the best of Eastern divers in the Yale Interscholastic meet, winning with ease, and is therefore chosen first; Kunnerth of Duluth, winner of the Northwestern University Interscholastic championship, and Boyle of Girard College are the other divers placed on the first team. Woolett of Worcester Academy, Bleu of Atlantic City High and Reynolds of Erasmus Hall, Brooklyn, are placed on the second team in the order mentioned.

Skelton of New Trier High, which is located at Kenilworth, Ill., is the logical choice for the breast stroke. He is the National A.A.U. champion at this style of swimming and leads the rest of the field. Gerety of Venice, Cal., High, and Blankley of Senn High, Chicago, get the other places. On the second team appear Duerpof of Maine, Ill.; Brodie of Fifth Avenue High of Pittsburgh and Melziener of Shaw High, Cleveland.

Hugh Addison, the back stroke swimmer of East High of Columbus, Ohio, won the A.A.U. junior championship in 1:11 2-5, which places him head and shoulders ahead of the rest at this style of swimming. Miller of Lane Tech, Chicago, with a record of 1:13 2-5, and Bowers of Los Angeles High, who finished third in the National A.A.U. championship, are also placed on the first team. On the second team are Adams of Central High of Detroit, Interscholastic record holder for fifty yards; Kerr of New Trier and Ehrlich of Detroit Northeastern.

1, Smith; 2, Newmann; 3, Wiggins; 4, Hodgson; 5, Arrich, Mgr.; 6, Morine; 7, W. A. Lindsey, Coach; 8, Schwartzburg; 9, Faure; 10, Diechmann; 11, Wofford; 12, Young; 13, Crowley; 14, Abbott.

CULVER MILITARY ACADEMY SWIMMING TEAM,
Interscholastic Champions of Central States.

Proposed Individual Championships

By Andrew Wilson, Jr.,
President Intercollegiate Swimming Association.

The Intercollegiate Swimming Association has adopted the recommendation of its special committee for the holding of an Interscholastic Individual Championship meet at which swimmers from high schools, academies, parochial and preparatory schools of the United States may settle the question of individual supremacy.

The plan is to hold the Interscholastic Championship Meet each winter on the Saturday preceding the date of the annual Intercollegiate Championships, in the pool of the University which will hold the Intercollegiate meeet the following year; that is, in 1922 at Princeton, 1923 at City College of New York, 1924 at Yale, 1925 at Columbia and 1926 at Pennsylvania. Entries will be accepted from any swimmer who was properly registered in any such recognized school at the beginning of the academic year in which the meet is to be held.

While this announcement is only an advance notice and more detailed regulations and instructions will be obtainable from the local manager well in advance of the meet for 1922, all school team managers are advised to enter their competitors in at least one preliminary meet as the winning of a place in one of these will, in all probability, be regarded as sufficint qualification for the final meet.

It is the hope of the Committee that all applications may be accepted, but the statement of the coach or captain will be required on each application to show what the past performances of the applicant have been in order to enable the officials to limit the entries to those who will have a competitive chance.

The Committee reserves the right to pass on all questions of eligibility and to determine whether or not in its judgment an institution comes within the class of schools to which this event is open. Coaches and captains are warned that this meet is not to be used to give green men experience in competition unless their ability has been demonstrated in preliminary competitions.

There will be an entry fee of fifty cents for every man in each event, no individual will be permitted to start in more than two events, and special die medals, emblematic of the championship, will be awarded to winners of first, second and third places by the Intercollegiate Swimming Association.

For further information regarding the 1922 championships, address C. B. Gwathmey, Assistant Manager of Swimming, Princeton University, Princeton, N. J.

1, F. S. Adams; 2, Campbell; 3, G. S. Adams; 4, Cummins; 5, De Long; 6, McKenney; 7, Bole; 8, Jamison; 9, Nill, Coach; 10, Souder; 11, Bixler; 12, Fisher; 13, Martin, Capt.; 14, Lerch; 15, Reuter; 16, Johnson; 17, Hardie; 18, Steer; 19, Fitz; 20, Safberg; 21, Swope; 22, Wynn.

MERCERSBURG ACADEMY SWIMMING TEAM,
Preparatory School Champions of Pennsylvania.

1, Herman; 2, Rebola; 3, Eufer, Mgr.; 4, Epp; 5, Freeman; 6, W. E. Bernard, Coach; 7, Shaner; 8, Boyle; 9, Sealfon; 10, Crownover, Capt.; 11, Lane; 12, Nuss; 13, Stoecher.

GIRARD COLLEGE SWIMMING TEAM.
Winners of Swarthmore Interscholastics.

National Interscholastic Swimming Records

FREE STYLE.

40 yards—19 3-5s., Jack Gow, Duluth (Minn.) Central High School, Patten Pool, Evanston, Ill., April 2, 1921.

50 yards—25 1-5s., Bill Wright, Erie (Pa.) High School, Weightman Hall Pool, Philadelphia, Pa., January 15, 1921.

100 yards—56 4-5s., Leo Handy, Brookline (Mass.) High School, Brokaw Pool, Princeton, N. J., February 12, 1916.

220 yards—2m. 29 3-5s., Leo Handy, Brookline (Mass.) High School, Brokaw Pool, Princeton, N. J., February 12, 1916.

500 yards—6m. 48 2-5s., Leo Giebel, Poly Prep, Brooklyn, N. Y., Weightman Hall Pool, Philadelphia, Pa., January 26, 1918.

BREAST STROKE.

100 yards—1m. 14 4-5s., H. Vacin, University High School, Chicago, 1914.

BACK STROKE.

50 yards—33s., Charles Adams, Detroit (Mich.) Central High School, YMCA Pool, Detroit, Mich., February 12, 1921.

100 yards—1m. 14 1-5s., C. Miller, Lane Tech High School, Chicago, Patten Pool, Evanston, Ill., April 2, 1921.

PLUNGE.

78 feet—1m., Roger Bird, Brookline (Mass.) High School, Brookline Pool, Brookline, Mass., January 25, 1916.

75 feet—43 4-5s., J. M. P. Anderson, Phillips Andover Academy, Carnegie Pool, New Haven, Conn., February 14, 1920.

60 feet—21s., Edwin Morine, Culver Military Academy, Indianapolis Athletic Club Pool, Indianapolis, Ind., February 12, 1921.

RELAY RACING.

160 yards—1m. 23s., Duluth (Minn.) Central High School Team (Edson, Kunnerth, Bennett, Gow), Patten Pool, Evanston, Ill., April 2, 1921.

200 yards—1m. 45 3-5s., Phillips Andover Academy Team (Pole, Colgate, Clark, Smith), Andover Pool, Andover, Mass., January 31, 1920.

800 feet—2m. 35 4-5s., West Philadelphia High School Team (Greene, Bechtel, Cowell, Holst), Weightman Hall Pool, Philadelphia, Pa., February 15, 1919.

240-yard Medley Relay—2m. 21 1-5s., Lane Tech High School, Chicago, Patten Pool, Evanston, Ill., April 2, 1921.

1, Hochstadter; 2, Flack; 3, Hassel; 4, I. W. Anthony, Coach; 5, Hadden, Mgr.; 6, Lame; 7, Laughton; 8, Bailey; 9, Young; 10, Van Syckel; 11, Highley, Capt.; 12, Shepherd; 13, Smith; 14, Gray.

WEST PHILADELPHIA HIGH SCHOOL SWIMMING TEAM,
Philadelphia High School Champions.

1, Swan, Mgr.; 2, Murphy; 3, Lunn; 4, Polley; 5, Bontecou, Capt.; 6, Dougherty; 7, Morgan; 8, Greene; 9, Brodie; 10, Meade. Pach Bros., Photo.

PAWLING SCHOOL SWIMMING TEAM.

Philadelphia High School Swimming League, Season 1921

By Irvin W. Anthony, Coach West Philadelphia High School.

The Philadelphia High School Swimming League came into being as a post-war realization of what had long been dreamed. The schools found the intercollegiate system ready at their hands, and decided to have the team title depend upon the outcome of a series of dual meets. It was a pioneer venture, especially so when it is considered that none of the four schools has a tank of its own. However, the local organizations in possession of pools lent their aid to the project, and after some effort the first season of organized swimming among the city high schools was inaugurated. West Philadelphia High and Central High had for years maintained teams in the sport and were naturally in a position to take the lead in the scoring, but both Northeast and Germantown High Schools made a very creditable showing.

The team championship was won by West Philadelphia High School, with a team which went through the League schedule without a defeat. The struggle for second place ended in a three-way tie between Central High, Northeast High and Germantown, each school having lost two meets.

At the close of the season the Central High School invitation meet was given at the Germantown Y.M.C.A. with the idea of furnishing a chance to pick the individual champions in the intercollegiate fashion. Meixel, West Philadelphia, captured the fifty and one hundred yards; Urban, Central High, won the two hundred and twenty yards; Hassell, West Philadelphia, and Young, West Philadelphia, took the plunge and fancy diving, respectively, while West Philadelphia carried off the relay. A point score was kept, which suggests the relative strength of the teams at the close of the season:

West Philadelphia	47 points	Northeast	6 points
Central	18 points	Germantown	4 points

The season brought out many younger swimmers, boys who found themselves often unexpectedly the supports of their teams. Meixel and Highley, West Philadelphia; Parker, Central High; Masteller, Northeast; and Wells, Germantown, were the best performers in the sprints; Cornog, Germantown, and Hassell, West Philadelphia, in the plunge; Young, West Philadelphia, and Parker, Central High, in the dive were at the top of the field in their events; and Urban and Shepherd were the best in the furlong. The records for the year contain some very comforting performances for an organization in its infancy:

40 yards—21s.	Meixel, Highley
50 yards—27 1-5s.	Meixel
100 yards—1m. 2 3-5s.	Meixel
220 yards—2m. 48s.	Urban
160-yard Relay—1m. 28s.	West Philadelphia
200-yard Relay—1m. 54 2-5s.	West Philadelphia
Plunge—60 ft. in 39 4-5s.	Hassell

1, R. J. Delehanty, Coach; 2, Rivas; 3, Blythe; 4, Schueg; 5, Starrett; 6, Miller; 7, Clapp, Mgr.; 8, Barrows; 9, Howard, Capt.; 10, Hamilton; 11, Woolett; 12, Carver. Brown, Photo.

WORCESTER ACADEMY SWIMMING TEAM,
New England Preparatory School Champions.

1, J. W. Griffin, Coach; 2, Holder; 3, Bovarnick; 4, Thackaberry; 5, Russell; 6, Cady, Mgr.; 7, Gordon; 8, Bruner; 9, Richmond, Capt.; 10, Bradny; 11, St. Clair; 12, Bruner; 13, Meleedy.

ENGLISH HIGH SCHOOL, BOSTON, MASS.

Worcester Academy Awarded New England Prep School Title

The swimming title of the big four—Worcester Academy, Phillips Andover Academy, Huntington School and Phillips Exeter Academy—was awarded to Worcester this year by the sporting editors of the Boston papers. Worcester defeated the Yale freshman team at New Haven, while Yale fresh defeated Andover. Huntington defeated both Andover and Exeter, but Huntington was beaten by Worcester. Andover lost to both Worcester and Exeter. These two latter teams could not hold a dual meet due to conflicting dates. Thus the only way the title could be awarded was by a comparison of times made in the different meets and by a comparison of scores against the same opponents.

All of the four schools had individual stars. Huntington's fastest man was Algar, who swam the 50 and 100. Andover had the best plunger in Stillwell, who reached the 75 feet in 45 2-5 seconds at Worcester. The fastest relay team of the four schools was Worcester Academy, with Wilmann, Rivas, Starrett and Captain Howard. Their best time for the 200-yard relay was 1m. 47 2-5s. In the 50, Worcester had a pair of fast men in Howard and Starrett; in the 100-yard swim, Howard was exceptionally good and never has been defeated by a prep school swimmer in this event.

Woolett of Worcester had the distinction of defeating Church, the New England A.A.U. fancy diving champion. Woolett and his teammate, Carver, placed in every fancy diving contest, Woolett being defeated only once by a prep school diver and then it was by Carver. Howard of Worcester and Algar of Huntington School were the two highest individual point scorers during the season.

Boston Interscholastic Championships

The city of Boston interscholastic championships for 1920-21 was won by English High School. Five teams were in the city race, including Malden High, Boston College, East Boston, Rindge Tech and English High. English scored 166 points to their opponents' 64.

Brunner of English was the star performer, although it was his first year of competition. His time of 26 4-5 seconds in the 50-yard race denotes that with more experience he may break the interscholastic mark for the distance. Brunner also won the 200-yard New England interscholastic championship.

Next to Brunner in the scoring of points was Bowditch, the former Hebron Academy star, who did excellent work in the 100-yard event. The English High relay team was composed of McDonald, St. Clair, Bowditch and Brunner. With nine veterans returning English High bids fair to have a very strong team next season.

1, H. P. Blair, Coach; 2, Stanier; 3, Mays; 4, Turner, Capt.; 5, Pitcairn; 6, Slocum; 7, Rose; 8, Eggleston; 9, Blumberger; 10, Wilson, Mgr.; 11, Rosenthal; 12, Hecht; 13, Gluck.

SCHENLEY HIGH SCHOOL SWIMMING TEAM, PITTSBURGH, Western .Pennsylvania Champions.

1, W. F. Crouse, Coach; 2, Hunt; 3, Cole; 4, Kitson; 5, Stengel; 6, Jones; 7, Marshall; 8, Lewis; 9, Wahl; 10, Hendricks, Capt.; 11, Ferris; 12, Martin; 13, Cope; 14, Van Dusen.

BLAIR ACADEMY SWIMMING TEAM.

Scholastic Swimming in the Pittsburgh District

By Truman Wilson, Manager of Swimming, Schenley High School.

High school swimming during the past season reached to greater heights than was thought possible. More spirited competition took place than ever before, with the result that several swimmers of note were developed. More high schools have taken up swimming as a sport, due to increased swimming facilities, and the interest manifested in the game exceeded that of any previous year. In Greater Pittsburgh, all seven high schools—Schenley, Allegheny, Peabody, Westinghouse, Fifth Avenue, South Hills and South—produced excellent teams as well as individual swimmers.

Schenley High School lost its former hold on the city championship to Allegheny by a three-point margin in an open swimming meet. In dual meets, Schenley defeated Allegheny but lost to Fifth Avenue, the first time that Schenley was defeated in a dual meet in four years. In the open swimming city championship Allegheny ranks first, with Schenley and Peabody crowding her fairly hard. Fifth Avenue next, followed by South Hills, Westinghouse and South, would be the order for the other high schools in Pittsburgh. As Schenley met the East High School of Cleveland, Ohio, at the University of Pittsburgh pool and defeated them by a fair score, East High took the Schenley team to Cleveland and there defeated the Pittsburghers at the Central Y.M.C.A. pool.

ALL-PITTSBURGH HIGH SCHOOL SWIMMING TEAM.

Event.	First Team.	Second Team.
40-yard Free Style..	Sturgis, Fifth Ave.....20 3-5s.	Steele, South Hills.
100-yard Free Style..	Steele, South Hills.....60 2-5s.	Sturgis, Fifth Ave.
Plunge	Heppenstall, Peabody...60ft. in 40 1-5s.	Gluck, Schenley.
Diving	McChesney, Peabody	Graham, South H.
100-yard Breast Stroke.	Brodie, Fifth Ave.....1m. 20s.	Hecht, Schenley.
40-yard Back Stroke.	Steele, South Hills.....26s.	Stanier, Schenley.
160-yard Relay	{ Schenley (Rose, Mays, Pitcairn, Blumberger) { Allegheny (Hinsey, Lithgow, Boucek, Murray) }	1m. 29 3-5s.

The University of Pittsburgh held its ninth annual Western Pennsylvania scholastic championship on April 15, 1921, and of the schools that competed, including all Pittsburgh high schools and some outside of the city, Schenley obtained 27 points. Peabody and Fifth Avenue each had 14, South Hills 13, Allegheny 10, Homestead and South High 6 each, and Shady Side Academy and Westinghouse each had 1.

The two relays were so evenly tied in the championship meet that it is hard to say which is first, so both are bracketed for the lead with Peabody next in line. For the best all-around team Schenley easily has the finest material, followed by Peabody and then South Hills or Allegheny, although Allegheny's strength was due to its good relay team.

1, Rand; 2, Miller; 3, Halvorsen; 4, Verhaag; 5, E. C. Delaporte, Coach; 6, Bradley; 7, Merkle; 8, Breyer; 9, Schlake; 10, Anderson; 11, Dreier; 12, Phillips; 13, Rosenthal. Sykes, Photo.

LANE TECH SWIMMING TEAM, CHICAGO.
Winners of the Northwestern University Interscholastic Championship.

1, Cooley; 2, Bennett; 3, Edson; 4, Spencer; 5, Gow, Capt.; 6, Kunnerth. Dworshak, Photo.

CENTRAL HIGH SCHOOL, DULUTH, MINN.

Chicago P.S.A.L. Swimming, 1920-21

By E. C. Delaporte, Supervisor of Athletics.

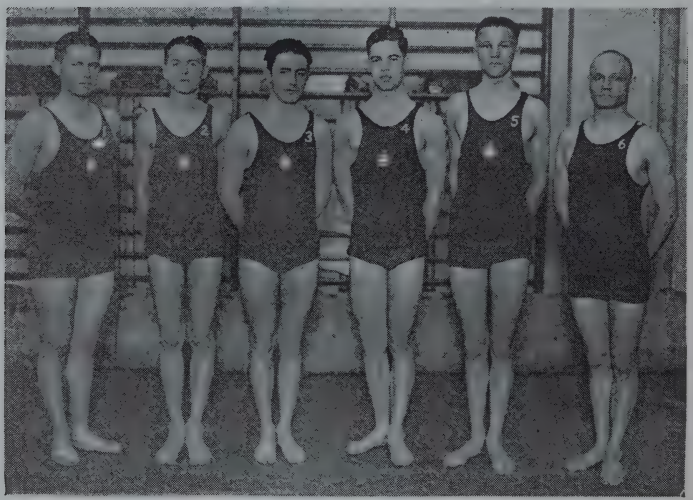
Swimming in the Chicago high schools is rapidly becoming a favorite indoor sport. Those in charge of the athletic program are making every effort to promote swimming for both boys and girls. The large athletic clubs are assisting, and one of the local papers gave an indoor meet for the grammar school boys and received a total of 300 entries. In the high school annual indoor swimming meet there were eleven schools entered, 74 junior and 77 senior swimmers. Two preliminary meets were held, one for the North Side schools and the other for South Side schools. The final meet was held at the Y.M.C.A. College, April 9, 1921. Lane Tech won the senior meet for the third consecutive year and Harrison High won the junior meet.

A great deal of attention is being paid to "Life Saving" in the city schools. The high school swimming committee has worked out a plan for the "Borglum Medal Test for Proficiency in Water Rescue Work," that is adaptable to the schools and has the approval of the Chicago Chapter of the American Red Cross. The fourteenth annual interscholastic swimming meet, held at the Illinois Athletic Club, was easily won by the Lane team with 48 points, New Trier of the Suburban League being second with 10 points. The second annual national high school meet, held at the same club, was won by Lane, and at the annual swimming meet given by Northwestern University for prep schools Lane again won.

The last-named meet was featured by the record breaking of H. Miller of Lane, who is without doubt one of the best swimmers developed in the high schools in recent years. Lane has a well balanced team of swimmers and relied upon seconds and thirds for points, with H. Miller good for three first places in all meets. Other notable swimmers in the schools are McGillivray and Blankley of Senn; Sekara, Waitkus and Herbst, Harrison; Breyer and Rosenthal, Lane, and Hirsch, Hyde Park.

1, Pete Lenz, Coach; 2, Stiles, Capt; 3, Zent; 4, McCarthy; 5, Gavigan, Mgr.; 6, Souza; 7, McMurray; 8, Patten; 9, Tumelty; 10, Herman; 11, Zenck.

STOCKTON (CAL.) HIGH SCHOOL.



1, Shalberg; 2, Robertson; 3, Thomann; 4, DeLong; 5, Diamond; 6, Wendell, Coach. Skoglund, Photo.

CENTRAL HIGH SCHOOL, OMAHA, NEB.

Interscholastic Swimming in Michigan

By Tom J. Clemens, Coach Detroit Northern High School.

High school swimming, both elementary and advanced, has been making great strides in Detroit and this vicinity for the past three years, and if the growth continues, swimming should be a major sport within three years.

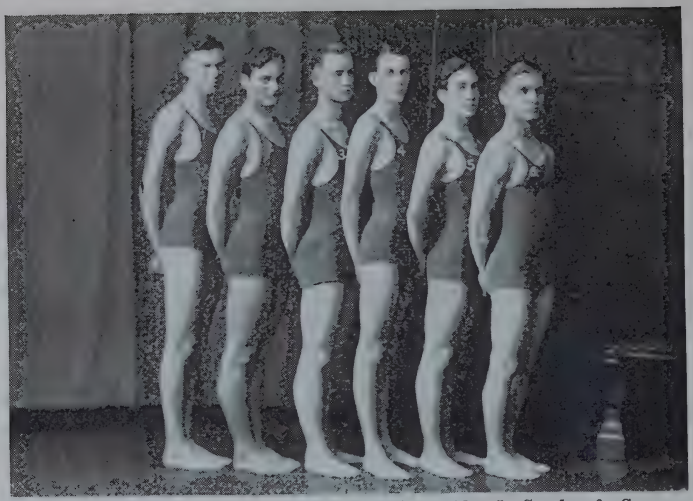
Northern High School won both scholastic championships held in the Detroit Y.M.C.A. pool, in 1918 and 1920. In the first of these, fast work by David Nixon, John Gilbreath, and Bill Dyer, coupled with the plunging of Fred Schwedt and the diving of George Babcock, gave the Northern swimmers the first scholastic championship of Detroit. Schwedt did 75 feet, and was closely followed by Morine, now holder of the national scholastic plunge record of 60 feet in 21 seconds. He is attending Culver Military Academy. Schwedt entered the scholastic championship held at the University of Pennsylvania in 1917 and was declared the winner with a plunge of 70 feet. The following year he repeated in the Eastern championship, held in the Brooklyn Y.M.C.A. pool. Schwedt coasted 74 feet 6 inches. Shortly after this Schwedt broke the world's record in an exhibition in the Michigan Agricultural College pool. He glided 83 feet in 60 seconds. The Northerner, up to the time he graduated, last semester, won three national A.A.U. championships. He is a world's record holder with an official mark of 82 feet 9 inches. In 1919 and 1920 Northern swam a home-and-home meet with New Trier High of Kenilworth, Ill., and won both affairs, 34—20 and 36—19.

Elmer Calvert, formerly of Detroit Central, in 1919 won the national 100 yards scholastic back stroke event, in the Illinois A.C. pool, establishing a new record of 1 minute 12 3-5 seconds. He represented a New York military school.

This year it was decided to make the school championship a state event, so every high school in the state that had a pool was invited to participate. The response was so great that it was necessary to run thirty-four heats to get five men for the finals of each event. Twelve schools from a radius of 150 miles made the competition the largest ever held in Michigan. Northern qualified twelve men for the finals, and with this advantage rolled up enough points to equal the combined score of all other contestants.

Dyer won the 50 and 100 yards in 27 2-5 and 63 2-5. Five heats in these events made the winning times appear slow. Ehrlich of Northeastern won the 220 yards in 2:43. He is the best all-around school swimmer in the state. Adams of Central won the 50 yards back stroke in 34 2-5 and later lowered it to 33 seconds in a high school meet, establishing a new national scholastic record for this distance.

In March, Detroit sent four swimmers to the national scholastic championship, held in the Illinois A.C. pool. Dyer of Northern was runner-up in the 100 and 220 swims. Russell Smith, also of this school, won the plunge title, coasting 60 feet in 25 1-5. He is 14 years old and a



1, Saum; 2, H. Addison; 3, R. Addison; 4, Reynolds; 5, Greely; 6, Gayman.
Baker, Photo.

EAST HIGH SCHOOL, COLUMBUS, OHIO.

1, Abrams; 2, Wadsworth; 3, Arthur, Mgr.; 4, Town; 5, Malsu; 6, Cooks, Capt.; 7, Sherman; 8, Hester.

EAST HIGH SCHOOL, CLEVELAND, OHIO.

9th grader. It would not be surprising if he should follow in the steps of Fred Schwedt and become a star.

In the writer's estimation Miller is the best all-around school swimmer in the Middle West. In the championship events he won first places in the following races: 40 yards swim, 20 2-5; 100 yards, :59; 220 yards, 2:42; 100 yards back stroke, 1:13 2-5. He also swam on the winning relay team.

Hugh Addison of East High School, Columbus, Ohio, is the best back stroke swimmer in this vicinity; perhaps the best in the country as well.

ALL-MICHIGAN SWIMMING SELECTIONS.

50 yards free style—William Dyer, Northern High School, Detroit.
100 yards free style—William Dyer, Northern High School, Detroit.
220 yards free style—Ferdinand Ehrlich, Northeastern High School, Detroit.
50 yards breast stroke—Alfred Yentsch, Southeastern High School, Detroit.
100 yards breast stroke—Alfred Yentsch, Southeastern High School, Detroit.
50 yards back stroke—Charles Adams, Central High School, Detroit.
100 yards back stroke—Ferdinand Ehrlich, Northeastern High School, Detroit.
Plunge for distance—Fred Schwedt, Northern High School, Detroit.
Fancy diving—George Babcock, Northern High School, Detroit.
200 yards relay—Northern High School, Detroit.

Columbus (Ohio) Interscholastic Championships

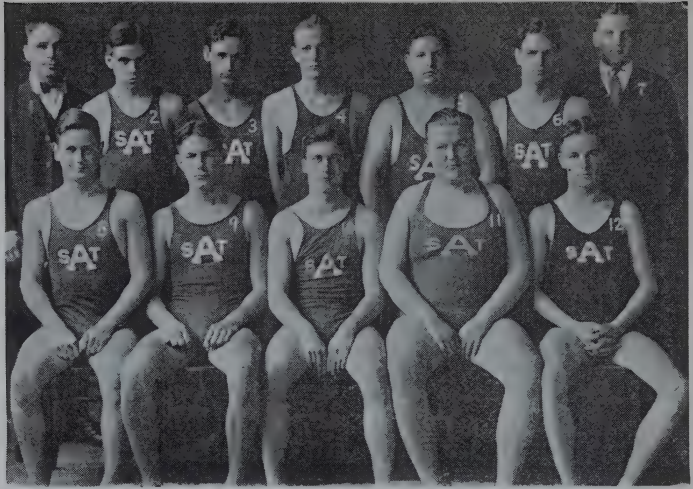
By George M. Strong.

The 1920-21 swimming season brought out some keen competition in Columbus high-school circles. Aquatic sports stirred up a great deal of interest during the year, and from present indications this season bids fair to surpass all previous years in excellence of competition and number of contestants. Objecting to handicap on its swimmers, East High School did not enter until the second meet. At the end of the season East won out by twelve points over Columbus Academy, its nearest contender. The success of East High made the second consecutive season that this school has won the championship of Columbus in swimming, and the team claims the high school championship of Ohio.

New city records were made by Hugh Addison, East, swimming the 100 yards in 60 2-5 seconds; by Roger Addison, East, who swam the 220 yards in 2:45; and by Sawyer, Columbus Academy, swimming 162 feet under water. The all-star team of Columbus High Schools follows:

ALL-STAR SWIMMING TEAM.

Under Water Swim.....Sawyer, Academy.
Back Stroke.....Hugh Addison, East.
Breast Stroke.....Merkle, Academy.
Plunge.....Gibson, Academy.
Fancy Diving.....Hugh Addison, East.
Sprints.....Roger Addison, East.
Relay—Horton, Academy; Hugh Addison, East; Zietler, Trade; Roger Addison, East.



1, A. Sutherland, Coach; 2, Case; 3, Butler; 4, Lund; 5, Jones; 6, Beck; 7, Nicola, Mgr.; 8, Hapgood; 9, Ferguson; 10, Clark, Capt.; 11, Stillwell; 12, Draper.

PHILLIPS ANDOVER ACADEMY SWIMMING TEAM.

1, H. Smith; 2, Taliaferro; 3, Swazey; 4, Lake; 5, Fuller; 6, Borden; 7, Johnson; 8, Waring; 9, F. Smith, Mgr.; 10, Hunton, Capt.; 11, W. W. Holm; Coach; 12, Hayes.

PHILLIPS EXETER ACADEMY SWIMMING TEAM.

Interscholastic Championships

YALE UNIVERSITY

Held March 12, 1921.

50 yards—26s., Algar, Huntington School, won; Howard, Worcester Academy, second; Johnson, Poly Prep, Brooklyn, third; Chace, Berkeley-Irving, fourth.
100 yards—61 1-5s., Chace, Berkeley-Irving, won; Metzger, Asbury Park High, second; Evans, Lawrenceville, third; Robbins, Lawrenceville, fourth.
220 yards—2m. 33 2-5s., Hall, Poly Prep, Brooklyn, won; Chace, Berkeley-Irving, second; Morrison, Marquand School, third; MacLaren, Lawrenceville, fourth.
200-yard Relay—1m. 48s., Lawrenceville School team (Hawkins, Maxwell, Walsh, Evans), won; Worcester Academy, second; Huntington School, third; Marquand School, fourth.
Plunge—75ft., 49 2-5s., Hazleton, Lawrenceville, won; Metzger, Asbury Park High, second; Hann, Berkeley-Irving, third; McCreery, Lawrenceville, fourth.
Fancy Diving—Bontecou, Pawling School, won; Reynolds, Erasmus Hall, second; Blair, Lawrenceville, third; Hutchinson, Lawrenceville, fourth.

BROOKLYN SCHOOLS

Held March 15, 1921.

50 yards—27 4-5s., Arnold, Manual, won; Mason, Marquand, second; Lewis, Erasmus, third.
100 yards—63 4-5s., Belin, Manual, won; Forster, Marquand, second; Barrere, Commerce, and Ruch, Erasmus, tied for third.
220 yards—2m. 49 4-5s., Morrison, Marquand, won; Schell, Evander Childs, second; Jackson, Marquand, third.
200-yard Relay—1m. 54 3-5s., Manual Training team (Martin, Walter, Belin, Arnold), won; Marquand first team, second; Marquand second team, third.
Plunge—61ft., Marsans, Manual, won; Talamini, Erasmus, second; Avery, Boys' High, third.
Fancy Diving—Schissel, Commercial High, won; Gardner, Erasmus, second; Braisted, Marquand, third.

NEW JERSEY STATE

Held at Lawrenceville School, February 26, 1921.

50 yards—26 2-5s., Marshall, Blair Academy, won; Hawkins, Lawrenceville, second; Walsh, Lawrenceville, third.
100 yards—60 2-5s., Hawkins, Lawrenceville, won; Metzger, Asbury Park H.S., second; Smith, Lawrenceville, and Evans, Lawrenceville, tied for third.
220 yards—MacLaren, Lawrenceville, won; Rice, Lawrenceville, second; Wall, Blair Academy, third.
200-yard Relay—1m. 48 2-5s., Lawrenceville team (Evans, Hawkins, Butterworth, Walsh), won.
Plunge—75ft., 58s., Hazleton, Lawrenceville, won; McCreery, Lawrenceville, second; Metzger, Asbury Park, third.
Fancy Diving—Bleu, Atlantic City H.S., won; Hutchinson, Lawrenceville, second; Blair, Lawrenceville, third.

1, Haynes; 2, Aston; 3, Cunningham; 4, Peterson.

NORTH CENTRAL HIGH SCHOOL, SPOKANE, WASH.
State Relay Champions, 1921.

1, Kimball; 2, Farmer; 3, Wyles; 4, Halbkat; 5, Durbrow; 6, Clark; 7, Oakes; 8, Clapp; 9, Halbkat; 10, Muir; 11, Hanft, Capt.; 12, Elliott; 13, Carlisle; 14, Ireys.

SHATTUCK SCHOOL, FARIBAULT, MINN.

RUTGERS COLLEGE

Held February 5, 1921.

50 yards—27s., Chace, Berkeley-Irving, won; Clark, Rutgers Prep, second; Atkinson, Rutgers Prep, third.
100 yards—62s., Chace, Berkeley-Irving, won; Cook, Poly Prep, Brooklyn, second; Metzger, Asbury Park H.S., third.
220 yards—2m. 35 3-5s., Chace, Berkeley-Irving, won; Hall, Poly Prep, Brooklyn, second; Hawkins, Lawrenceville, third.
200-yard Relay—1m. 48 3-5s., Poly Prep, Brooklyn, won; Lawrenceville second team, second; Lawrenceville first team, third.
Plunge—65ft., McCreery, Lawrenceville, won; Hann, Berkeley-Irving, second; Metzger, Asbury Park H.S., third.
Fancy Diving—Blair, Lawrenceville, won; Schissel, Commercial High, second; Hutchinson, Lawrenceville, third.

UNIVERSITY OF PENNSYLVANIA

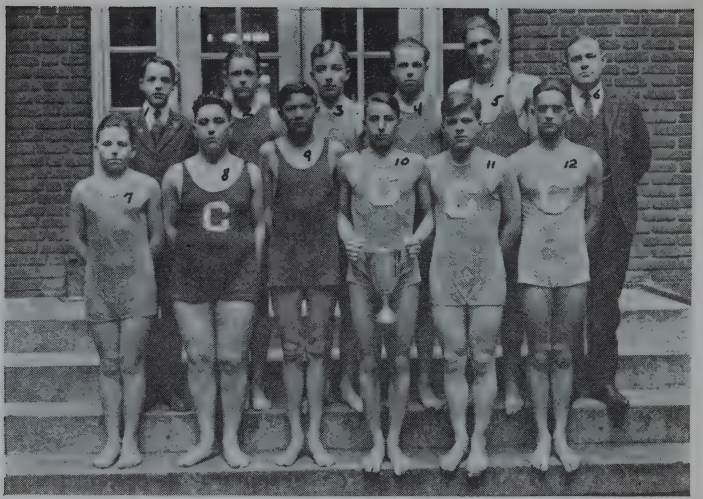
Eighteenth Annual Meet, Held January 15, 1921.

50 yards—25 1-5s., Wright, Erie High, won; Miller, Lane Tech, Chicago; Walsh, Lawrenceville, and Chace, Berkeley-Irving, tied for second.
100 yards—59 3-5s., Crownover, Girard College, won; Hall, Poly Prep, Brooklyn, second; Stoecker, Girard College, third; Wright, Erie High, fourth.
220 yards—2m. 35 4-5s., Hall, Poly Prep, Brooklyn, won; Chace, Berkeley-Irving, second; Crownover, Girard College, third; Smith, Erie High, fourth.
200-yard Relay—1m. 47 2-5s., Lawrenceville team (Hawkins, Butterworth, Evans, Walsh), won; Girard College, second; Erie High, third.
Plunge—75ft., 57 3-5s., McCreery, Lawrenceville, won; Hazleton, Lawrenceville, second; Hann, Berkeley-Irving, third; Lowey, Stuyvesant High, fourth.
Fancy Diving—Boyle, Girard College, won: Young, West Philadelphia H.S., second; Childs, Berkeley-Irving, third; Blair, Lawrenceville, fourth.

WESTERN PENNSYLVANIA INTERSCHOLASTIC CHAMPIONSHIPS

Held at the University of Pittsburgh, April 15, 1921.

Relay—1m. 29 3-5s., Allegheny H.S. team, won; Schenley H.S., second; Peabody H.S., third.
40 yards—20 3-5s., Sturgis, Fifth Avenue H.S., won; Steele, South Hills H.S., second; Flannery, Shadyside Academy, third.
40-yard Back Stroke—26 2-5s., Steele, South Hills H.S., won; Stanier, Schenley H.S., second: Gibson, Peabody H.S., third.
100 yards—60 2-5s., Steele, South Hills H.S., won; Sturgis, Fifth Avenue H.S., second; Butts, Peabody H.S., third.
Plunge for Distance—60ft., Heppenstall, Peabody H.S., won; Gluck, Schenley H.S., second; Hill, Westinghouse H.S., third.
100-yard Breast Stroke—Brodie, Fifth Avenue H.S. (1m. 20s.), won; Griffith, Schenley H.S. (1m. 21s.), second; Hecht, Schenley H.S. (1m. 21 1-5s.), third.
Fancy Diving—McChesney, Peabody H.S., won; Graham, South H.S., second; Sturgis, Fifth Avenue H.S., third.



1, Mansfield, Mgr.; 2, Darnall; 3, Fay; 4, Coles; 5, Howenstein; 6, F. Brunner, Coach; 7, Lyman; 8, Rosenfield; 9, Yung Kwai; 10, Richard, Capt.; 11, Fisher; 12, Noyes. Edmonston, Photo.

CENTRAL HIGH SCHOOL, WASHINGTON, D. C.
South Atlantic Interscholastic Champions.

1, Cranford, Mgr.; 2, Hendrickson; 3, White; 4, Goodridge; 5, Benjamin; 6, Luce; 7, H. F. Bohnet, Coach; 8, Dodd; 9, Cook; 10, Johnson, Capt.; 11, Hall; 12, Trowbridge; 13, Vaden. White, Photo.

POLY PREP SWIMMING TEAM, BROOKLYN, N. Y.

SWARTHMORE COLLEGE

Held February 19, 1921.

50 yards—27s., Crownover, Girard College, won; Stoecker, Girard College, second; Mixell, West Philadelphia H. S., third.
100 yards—62 1-5s., Crownover, Girard College, won; Mixell, West Philadelphia H.S., second; Stoecker, Girard College, third.
220 yards—2m. 49 1-5s., Freeland, Girard College, won; Crownover, Girard College, second; Shaner, Girard College, third.
200-yard Relay—1m. 50 3-5s., Girard College team (Nuss, Stoecker, Lane, Crownover), won; West Philadelphia H.S., second; Girard College second team, third.
Plunge—62 1-2ft., Gross, Girard College, won; Bailey, West Philadelphia H.S., second; Hassold, West Philadelphia H.S., third.
Fancy Diving—Bleu, Atlantic City H.S., won; Suban, Atlantic City H.S., second; Young, West Philadelphia H.S., third.

SOUTH ATLANTIC INTERSCHOLASTIC CHAMPIONSHIPS

Held at Baltimore A. C., March 12, 1921.

160-yard Relay—1m. 25 4-5s., Baltimore Poly, won; Central High, Washington, second; Baltimore City College, third.
Fancy Diving—Lyman, Central High, Washington, won; Woods, Baltimore Poly, second; Fisher, Central High, Washington, third.
50 yards—26 2-5s., Mitchell, Baltimore Poly, won; Shiel, Army-Navy Prep, second; Stolley, Central High, Washington, third.
80-yard Breast Stroke—62s., Richard, Central High, Washington, won; Wallach, Baltimore City College, second; Fay, Central High, Washington, third.
220 yards—2m. 56 4-5s., Bahlke, Baltimore Poly, won; Yung Kiuan, Central High, Washington, second; Harrison, Baltimore City College, third.
Plunge—60ft., 34s., Longfellow, Friends School, Baltimore, won; Fisher, Central High, Washington, second; Rosenfield, Central High, Washington, third.
80-yard Back Stroke—61 1-5s., Raleigh, Baltimore City College, won; Stolley, Central High, Washington, second; Hownestein, Central High, Washington, third.
100 yards—64s., Noyes, Central High, Washington, won; Welsh, Baltimore Poly, second; Mitchell, Baltimore Poly, third.

ILLINOIS ATHLETIC CLUB

Fourteenth Annual Interscholastic Meet of City and Suburban High Schools, December 2, 1920.

Plunge—60ft., 55s., Waitkus, Harrison, won; Anderson, Lane, second; Pareira, Lane, third.
40 yards—21 3-5s., Breyer, Lane, won; Miller, Lane, second; Jefferson, Evanston, third.
100-yard Breast Stroke—1m. 18 2-5s., Skelton, New Trier, won; Dreier, Lane, second; Merkle, Lane, third.
100 yards—1m. 1s., Miller, Lane, won; Breyer, Lane, second; Winslow, Evanston, third.
100-yard Back Stroke—1m. 17 3-5s., Miller, Lane, won; McGillivray, Senn, second; Blockstra, Harrison, third.
Fancy Diving—Schmedtgen, New Trier, won; Blunt, Evanston, second; Godeyahn, Lane, third.
220 yards—2m. 42 3-5s., Breyer, Lane, won; Jefferson, Evanston, second; Phillips, Lane, third.
160-yard Relay—1m. 29s., Lane first team (Dreier, Phillips, Miller, Breyer), won; Lake View, second; Lane second team, third.

CHICAGO PUBLIC SCHOOLS ATHLETIC LEAGUE

Held April 9, 1921.

HIGH SCHOOL SENIOR CHAMPIONSHIPS.

Relay—2m. 20s., Lane team, won; Senn, second; Harrison, third; Hyde Park, fourth.
Fancy Diving—Sekera, Harrison, won; Custer, Parker, second; Wihr, Lane, third; Walker, Senn, fourth.
20-yard Tired Swimmer Carry—16 3-5s., Johnson, Hyde Park, won; Wihr, Lane, second; Blankley, Senn, third; Dreier, Lane, fourth.
40 yards—20 2-5s., Miller, Lane, won; Kaatz, Senn, second; Herbst, Harrison, third; Phillips, Lane, fourth.
100-yard Breast Stroke—1m. 18s. (new record), Blankley, Senn, won; Wihr, Lane, second; Dreier, Lane, third; Bennett, Senn, fourth.
220 yards—2m. 52s., McGillivray, Senn, won; Herschberger, Harrison, second; Rosenthal, Lane, third; Vetsnik, Harrison, fourth.
20-yard Cross Shoulder Carry—21 4-5s., Phillips, Lane, won; Armstrong, Senn, second; Hejna, Harrison, third; White, Parker, fourth.
Plunge—54ft., 1m., Waitkus, Harrison, won; Anderson, Lane, second; Varley, Lindblom, third; Pareira, Lane, fourth.
60-yard Back Stroke—40s. (new record), Miller, Lane, won; Brockstra, Harrison, second; McGillivray, Senn, third; Herbst, Harrison, fourth.
100 yards—1m. 9 3-5s., Miller, Lane, won; Rosenthal, Lane, second; Herschberger, Harrison, third; McGillivray, Senn, fourth.
20-yard Head Carry—19 2-5s. (new record), Hirsch, Hyde Park, won; Johnson, Hyde Park, second; Dvorak, Harrison, third; Koehler, Senn, fourth.

HIGH SCHOOL JUNIOR CHAMPIONSHIPS

Relay—2m. 35s., Senn team, won; Harrison, second; Parker, third.
Fancy Diving—Schwarz, Senn, won; Davis, Parker, second; Keller, Senn, third; Lewey, Hyde Park, fourth.
20-yard Tired Swimmer Carry—17 1-5s., Bell, Harrison, won; Schroeder, Lane, second; Hoffman, Harrison, third; Forester, Lane, fourth.
40 yards—24s., Nervad, Harrison, won; Ford, Senn, second; Wagner, Lane, third; Magner, Senn, fourth.
40-yard Breast Stroke—31 2-5s., Mygdal, Crane, won; Schroeder, Lane, second; Bell, Harrison, third; Nudleman, Hyde Park, fourth.
20-yard Cross Shoulder Carry—24 2-5s., Bliss, Parker, won; Dvorak, Harrison, second; Olson, Englewood, third; Wagner, Lane, fourth.
Plunge—48ft., 1m., White, Morgan Park, won; Warner, Senn, second; Green, Englewood, third; Brownenstein, Crane, fourth.
40-yard Back Stroke—30s., Tittle, Harrison, won; Schwarz, Senn, second; Braun, Harrison, third; Magner, Senn, fourth.
100 yards—1m. 16 4-5s., Ford, Senn, won; Nervad, Harrison, second; Tittle, Harrison, third; Davis, Parker, fourth.
20-yard Head Carry—20s. (new record), Bliss, Parker, won; Dvorak, Harrison, second; Hoffman, Harrison, third; Jessen, Parker, fourth.

NORTHWESTERN UNIVERSITY

Tenth Annual Meet, Held at Evanston, Ill., April 2, 1921.

160-yard Relay—1m. 23s., Duluth (Minn.) H.S. (Edson, Kunnerth, Gow, Bennett), won; Lane Tech, second; New Trier, third; Evanston High, fourth.
Fancy Diving—Kunnerth, Duluth Central High, won; Corbett, New Trier, second; Schmedtgen, New Trier, third.

40 yards—19 3-5s., Gow, Duluth Central High, won; Miller, Lane Tech, second; Robertson, New Trier, third; Winslow, Evanston High, fourth.
100 yards—58 2-5s., Gow, Duluth Central High, won; Miller, Lane Tech, second; Edson, Duluth Central, third; Robertson, New Trier, fourth.
100 yards Back Stroke—1m. 14 1-5s., Miller, Lane Tech, won; Kerr, New Trier, second; Winslow, Evanston High, third; Chadsey, Urbana High, fourth.
100 yards Breast Stroke—1m. 18 4-5s., Blankley, Senn High, won; Duerpof, Maine Township High, second: Wihr, Lane Tech, third; Bell, New Trier, fourth.
200 yards—2m. 39 2-5s., Miller, Lane Tech, won; Cooley, Duluth Central High, second; Kerr, New Trier, third; Winslow, Evanston High, fourth.
Plunge—60ft., 48 1-5s., Haigh, Evanston High, won; Pareino, Lane Tech, second; Waitkus, Harrison Tech, third; Younger, New Trier, fourth.

MICHIGAN STATE INTERSCHOLASTIC CHAMPIONSHIPS

Held at Central Y.M.C.A. Pool, Detroit, December 6, 1920.

50 yards—Dyer, Northern High, won; Babcock, Northern High, second; George, Pontiac High, third.
100 yards—63 1-5s., Dyer, Northern High, won; Gilbreath, Northern High, second; Flannigan, Northwestern High, third.
50-yard Breast Stroke—38s., Yentsch, Eastern High, won; Leonard, Eastern High, second; Davis, Northern High, third.
Fancy Diving—Babcock, Northern High, won; Withingham, Northeastern High, second; Kuffus, Ann Arbor High, third.
50 yards Back Stroke—34 2-5s., Adams, Northern High, won; Ehrlich, Northeastern High, second; French, Highland Park High, third.
220 yards—2m. 45 1-5s., Ehrlich, Northeastern High, won; Gilbreath, Northern High, second; Withingham, Northwestern High, third.
200-yard Relay—1m. 58 1-5s., Northern High, won; Northwestern High, second; Northeastern High, third.

SOUTHERN CALIFORNIA INTERSCHOLASTIC CHAMPIONSHIPS.

Held at Pasadena, Cal., May 28, 1921.

50 yards—26s., Rau, Venice H.S., won; Myers, Long Beach H.S., second; Stancer, San Bernardino H.S., third; Boice, Long Beach H.S., fourth.
Fancy Diving—Smith, Pasadena H.S., won; Tipton, Hollywood H.S., second; Krisel, Hollywood H.S., third; Kinney, Venice H.S., fourth.
220 yards—2m. 58 4-5s., Fletcher, San Diego H.S., won; Bowers, Los Angeles H.S., second; R. Skeete, Hollywood H.S., third; H. Skeete, Hollywood H.S., fourth.
100 yards—62 1-5s., Rau, Venice H.S., won; Stern, Hollywood H.S., second; Rawlings, San Diego H.S., third; Tipton, Hollywood H.S., fourth.
Plunge—54ft. 5in., Sill, Pasadena H.S., won; Hughes, Inglewood H.S., second; Wilson, San Diego H.S., third; Scott, Los Angeles H.S., fourth.
440 yards—7m. 2 3-5s., Fair, Venice H.S., won; Novis, Pasadena H.S., second; Lohse, Pasadena H.S., third; Bryan, San Diego H.S., fourth.
100-yard Breast Stroke—1m. 24 3-5s., Gerety, Venice H.S., won; Hardy, San Diego H.S., second; Kinney, Venice H.S., third; Pellet, Pasadena H.S., fourth.
100-yard Back Stroke—Bowers, Los Angeles H.S., won; Stancer, San Bernardino H.S., second; Ward, Pasadena H.S., third; Rau, Venice H.S., fourth.
400-foot Relay—1m. 12s., Long Beach H.S. Team (Barnett, McAllister, Myers, Boice), won; Hollywood H.S., second; San Diego H.S., third; Venice H.S., fourth.

1, E. Hollings, Coach; 2, Stoker; 3, Bailey; 4, Edmunds; 5, Anderson; 6, Bolin, Capt.; 7, Ellicott; 8, Keate.

UNIVERSITY OF UTAH SWIMMING TEAM.

1, P. S. Graham, Coach; 2, Dumont; 3, Lindholm; 4, Wiig, Mgr.; 5, Nelson; 6, Getman; 7, Winquist, Capt.; 8, Grant; 9, Kimball. **Lloyd, Photo.**

RENSSELAER POLYTECHNIC INSTITUTE, TROY, N. Y.

National Intercollegiate Records

Sectional Records

Scores of College and School Meets

College and School Directory

Record Application Blank

National Intercollegiate Swimming Records

FREE STYLE.

40 yards ..... **19s.**

20-yard Pool.

Edwin Binney, Jr., Yale University, Carnegie Pool, New Haven, Conn., March 11, 1921.

William A. Kanakanui, Naval Academy, McDonough Pool, Annapolis, Md., February 12, 1921.

50 yards ..... **24s.**

25-yard Pool.

Edwin Binney, Jr., Yale University, Columbia Pool, New York City, March 19, 1921.

100 yards ..... **55 3-5s.**

25-yard Pool.

D. L. Jones, Brown University, Carnegie Pool, New Haven, Conn., March 4, 1921.

220 yards ..... **2m. 25 1-5s.**

80-foot Pool.

Angus Sinclair, U. S. Naval Academy, McDonough Pool, Annapolis, Md., February 12, 1921.

440 yards ..... **5m. 41 2-5s.**

20-yard Pool.

R. Simonson, Northwestern University, Patten Pool, Evanston, Ill., March 22, 1918.

BREAST STROKE.

200 yards ..... **2m. 45s.**

20-yard Pool.

R. Biersach, University of Wisconsin, Patten Pool, Evanston, Ill., March 22, 1918.

National Intercollegiate Swimming Records

BACK STROKE.

150 yards ..... **1m. 50 2-5s.**

20-yard Pool.

C. B. Pavlicek, University of Chicago, Bartlett Pool, Chicago, Ill., February 22, 1916.

PLUNGE.

78 feet ..... **1 minute time limit.**

C. G. Lehman, University of Pennsylvania, Weightman Hall Pool, Philadelphia, Pa., February 7, 1916.

75 feet ..... **40s.**

R. H. Meagher, Yale University, Carnegie Pool, New Haven, Conn., February 20, 1920.

60 feet ..... **16 2-5s.**

F. J. Meagher, University of Chicago, Patten Pool, Evanston, Ill., March 18, 1920.

RELAY RACING.

160 yards ..... **1m. 16 4-5s.**

Four men on team, each swimming 40 yards.

Yale University Team (Jelliffe, Pratt, Binney, Solley), Wesleyan University Pool, Middletown, Conn., March 8, 1921.

200 yards ..... **1m. 38 1-5s.**

Four men on team, each swimming 50 yards.

Yale University Team (Jelliffe, 24 3-5; Pratt, 24 4-5; Thurston, 24 2-5; Binney, 24 2-5), Carnegie Pool, New Haven, Conn., February 25, 1921.

800 feet ..... **2m. 22s.**

Four men on team, each swimming 200 feet.

Yale University Team (Jelliffe, Pratt, Thurston, Binney), Weightman Hall Pool, Philadelphia, Pa., March 5, 1921.

250 yards ..... **2m. 6s.**

Five men on team, each swimming 50 yards.

Yale University Team (Jelliffe, Pratt, Thurston, Binney, Solley), Carnegie Pool, New Haven, Conn., February 25, 1921.

Sectional Swimming Records

EASTERN INTERCOLLEGIATE RECORDS.

50 yards—24s., Edwin Binney, Yale, Columbia Pool, New York City, March 19, 1921.
100 yards—55 3-5s., D. L. Jones, Brown University, Carnegie Pool, New Haven, Conn., March 4, 1921.
220 yards—2m. 25 1-5s., Angus Sinclair, United States Naval Academy, Naval Academy Pool, Annapolis, Md., February 12, 1921.
Plunge (1 minute time limit)—78ft., C. G. Lehman, University of Pennsylvania, Weightman Hall Pool, Philadelphia, Pa., February 7, 1916.
Plunge, 75ft.—40s., R. J. Meagher, Yale, Carnegie Pool, New Haven, Conn., February 20, 1920.
160-yard Relay—1m. 16 4-5s., Yale Team (Jelliffe, Pratt, Binney, Solley), Wesleyan Pool, Middletown, Conn., March 8, 1921.
200-yard Relay—1m. 38 1-5s., Yale Team (Jelliffe, Pratt, Thurston, Binney), Carnegie Pool, New Haven, Conn., February 25, 1921.
800-foot Relay—2m. 22s., Yale Team (Jelliffe, Pratt, Thurston, Binney), Weightman Hall Pool, Philadelphia, Pa., March 5, 1921.

WESTERN INTERCOLLEGIATE CONFERENCE RECORDS.

Conference records can be made or broken only at the time of the "Big Ten" meeting each Spring.

40 yards—19 3-5s., Ries, Chicago, March 20, 1919; Blinks, Chicago, March 18, 1921.
100 yards—56 3-5s., Blinks, Chicago, March 18, 1921.
220 yards—2m. 31 2-5s., Blinks, Chicago, March 18, 1921.
440 yards—5m. 41 2-5s., Simonsen, Northwestern, March 22, 1918.
150-yard Back Stroke—1m. 52 2-5s., Pavlicek, Chicago, March 17, 1916.
200-yard Breast Stroke—2m. 45s., Biersack, Wisconsin, March 22, 1918.
Plunge, 60ft.—16 2-5s., Meagher, Chicago, March 18, 1920.
160-yard Relay—1m. 20 1-5s., Illinois Team, March 17, 1921.

U. S. NAVAL ACADEMY SWIMMING RECORDS.

40 yards—18 4-5s., Kanakanui, February 5, 1921.
50 yards—25s., Kanakanui, February 19, 1921.
60 yards—30 4-5s., Emory, January 29, 1921.
100 yards—56 2-5s., Emory, January 22, 1921; Sinclair, March 5, 1921.
220 yards—2m. 23 3-5s., Sinclair, January 15, 1921.
40-yard Breast Stroke—25 1-5s., Quinby, February 21, 1920.
60-yard Breast Stroke—41 1-5s., Quinby, February 5, 1921.
100-yard Breast Stroke—1m. 17 1-5s., Quinby, February 28, 1920.
40-yard Back Stroke—25 3-5s., Post, February 2, 1918.
60-yard Back Stroke—40 4-5s., McIntosh, February 5, 1921.
Plunge, 60ft.—28 4-5s., Campbell, January 26, 1918.
160-yard Relay—1m. 16 4-5s., Winkjer, Gallagher, Emory, Kanakanui, February 5, 1921.

EASTERN INTERSCHOLASTIC RECORDS.

50 yards—25 1-5s., Bill Wright, Erie H.S., Weightman Hall Pool, Philadelphia, Pa., January 15, 1921.
100 yards—56 4-5s., L. A. Handy, Brookline, Mass., H.S., Brokaw Pool, Princeton, N. J., February 12, 1916.
220 yards—2m. 29 3-5s., L. A. Handy, Brookline, Mass., H.S., Brokaw Pool, Princeton, N. J., February 12, 1916.
500 yards—6m. 48 2-5s., Leo Giebel, Poly Prep, Brooklyn, Weightman Hall Pool, Philadelphia, Pa., January 26, 1918.
160-yard Relay—1m. 24 3-5s., Girard College Team, Philadelphia, Pa., February 10, 1921.

200-yard Relay—1m. 45 3-5s., Phillips Andover Academy Team, Andover Pool, Andover, Mass., January 31, 1920.
800-foot Relay—2m. 35 4-5s., West Philadelphia H.S. Team, Weightman Hall Pool, Philadelphia, Pa., February 15, 1919.
Plunge (1 minute time limit)—78ft., Roger Bird, Brookline, Mass., H.S., Brookline Pool, January 25, 1916.
Plunge, 75ft—43 4-5s., J. M. P. Anderson, Phillips Andover Academy, Carnegie Pool, New Haven, Conn., February 14, 1920.
Plunge, 60ft.—21 3-5s., Niles Stillwell, Phillips Andover Academy, Andover Pool, Andover, Mass., March 12, 1921.

CHICAGO PUBLIC SCHOOLS ATHLETIC LEAGUE.

SENIOR RECORDS.

40 yards—20s., Topp, Lane, 1918.
100 yards—1m. 1 4-5s., Topp, Lane, 1918.
222 yards—2m. 42 2-5s., Colbridge, Hyde Park, 1917.
40-yard Breast Stroke—25 4-5s., Ortlepp, Lane, 1919.
100 yard Breast Stroke—1m. 18 4-5s., Blankley, Senn, 1921.
40-yard Back Stroke—26s., B. Miller, Lane, 1918.
60-yard Back Stroke—40s., H. Miller, Lane, 1921.
Plunge, 60ft.—39s., Jundra, Harrison, 1917.
240-yard Relay (6 men)—2m. 14 4-5s., Lane Team (Breyer, Miller, Dreier, Redfield, Bradley, Phillips), 1920.

JUNIOR RECORDS.

40 yards—21 1-5s., Raphael, Hyde Park, 1919.
100 yards—1m. 6s., Vlcek, Harrison, 1919.
220 yards—2m. 58 3-5s., Vlcek, Harrison, 1919.
40-yard Breast Stroke—27 4-5s., Ortlepp, Lane, 1917.
40-yard Back Stroke—29 4-5s., Ostrowsky, Harrison, 1920.
Plunge, 60ft.—48 3-5s., Casterline, Lane, 1917.
240-yard Relay (6 men)—2m. 35s., Lane Team.

UNIVERSITY OF PENNSYLVANIA INTERSCHOLASTIC RECORDS.

50 yards—25 1-5s., Bill Wright, Erie H. S., January 15, 1921.
100 yards—59 3-5s., Chas. Crownover, Girard College, January 15, 1921.
220 yards—2m. 35 4-5s., James Hall, Poly Prep, Brooklyn, January 15, 1921.
500 yards—6m. 48 2-5s., Leo Giebel, Poly Prep, Brooklyn, January 26, 1918.
Plunge, 75ft.—57 3-5s., J. McCreery, Lawrenceville School, January 15, 1921.
800-foot Relay—2m. 34 4-5s., West Philadelphia H.S., February 15, 1919.
200-yard Relay—1m. 47 2-5s., Lawrenceville School Team (Hawkins, Butterworth, Evans, Walsh), January 15, 1921.

STANFORD-CALIFORNIA SWIMMING RECORDS.

50 yards—26 1-5s., Drake (S), April, 1920.
100 yards—1m. 1 3-5s., Drake (S), April, 1920.
220 yards—2m. 48 3-5s., Iredell (S), April, 1917.
100 yards Back Stroke—1m. 23 1-5s., Montell (C), April, 1920.
100 yards Breast Stroke—1m. 22s., Nauman (C), April, 1920.
Plunge—71ft., Lyons (C), April, 1916.
Relay—400ft., 1m. 7 3-5s., Stanford, April, 1920.

FRESHMAN STANFORD-CALIFORNIA RECORDS.

50 yards—26 4-5s., Hooper (S), Goodman (C).
100 yards—59 3-5s., Mitchell (C).
220 yards—2m. 58s., McElroy (C).
100 yards Back Stroke—1m. 18 4-5s., Fletcher (S).
100 yards Breast Stroke—1m. 23s., Julien (S), Fletcher (S).
Plunge—60ft. 6in., Bush (C).
Relay—1m. 9s., Stanford.

Dual Meets, 1921

INTERCOLLEGIATE DUAL MEETS.

AMHERST
42—Harvard 11
28—Springfield 25
27—M.I.T. 26
41—Lehigh 12
37—Williams 16
34—Wesleyan 19
33—Rensselaer 20
38—Syracuse 15

ARMY
39—Lehigh 14
28—Columbia 25
42—Harvard 11
42—Syracuse 11

BROWN
42—Harvard 11
46—Springfield 7
38—M.I.T. 15
40—Wesleyan 13
48—Rensselaer 5
35—Dartmouth 18
44—Williams 9
11—Yale 42
46—Stevens 7

CALIFORNIA
22—Olympic Club 46
17—Stanford 51

C.C.N.Y.
6—Pennsylvania 47
16—Columbia 37
11—Princeton 42
10—Princeton 43
8—Yale 45
14—Rutgers 39
10—Pennsylvania 43
5—Yale 48
7—Columbia 46
19—Stevens 34

CHICAGO
26—Alumni 21
23—Milwaukee A.C. 44
22—Chicago A.A. 45
28—Chicago A.A. 40
34—Northwestern 35
48—Iowa 20
37—Illinois 31
46—Wisconsin 22

CINCINNATI
13—Michigan 55

COLUMBIA
37—C.C.N.Y. 16
17—Pennsylvania 36
36—Johns Hopkins 17
13—Yale 40
25—Army 28
11—Navy 33
11—Yale 42
22—Princeton 31
25—Princeton 28
46—C.C.N.Y. 7
19—Pennsylvania 34

DARTMOUTH
18—Brown 35
42—Harvard 11
25—Springfield 28
43—Boston Univ. 10

HARVARD
11—Army 42
16—Yale 37
11—Dartmouth 42
16—M.I.T. 37

ILLINOIS
35—Wisconsin 33
54—Purdue 14
31—Chicago 37
28—Northwestern 40

INDIANA
28—Indpls. YMCA 35
20—Cin. YMCA 57
24—Indpls. A.C. 34
26—Indpls. A.C. 33
20—Purdue 48

IOWA
20—Chicago 48
18—Northwestern 50
14—Minnesota 54

JOHNS HOPKINS
28—Stevens 25
17—Columbia 36
11—Navy 50
48—Swarthmore 14
26—Pittsburgh 44
36—Lehigh 34
21—Rutgers 50

LEHIGH
37—Stevens 16
20—Rutgers 33
14—Army 39
12—Amherst 41
34—Johns Hopkins 36

MASSACHUSETTS TECH
37—Harvard 16
25—Pennsylvania 28
11—Yale 42
16—Navy 37
23—Rutgers 30
36—Wesleyan 17
26—Amherst 27
15—Brown 38
43—Rensselaer 10

MICHIGAN
55—Univ. of Cin. 13
45—Cin. YMCA 41
30—Detroit A.C. 47
46—Detroit Jr. Coll. 22
34—Erie YMCA 34
29—Cleveland YMCA 39

MINNESOTA
57—St. Paul YMCA 20
54—Iowa 14
25—Northwestern 43

NAVY
51—Johns Hopkins 11
29—Pennsylvania 15
37—Princeton 7
52—Pittsburgh 10
33—Columbia 11
37—M.I.T. 16

NORTHWESTERN
43—Minnesota 25
35—Chicago 34
37—Wisconsin 31
50—Iowa 18
40—Illinois 28

PENNSYLVANIA
15—Navy 29
47—C.C.N.Y. 6
36—Columbia 17
43—C.C.N.Y. 10
16—Yale 37
28—M.I.T. 25
28—Princeton 25
21—Yale 32
32—Princeton 21
34—Columbia 19

PITTSBURGH
10—Navy 52
44—Johns Hopkins 26
47—Rensselaer 15
44—Syracuse 26

PRINCETON
42—C.C.N.Y. 11
43—C.C.N.Y. 10
13—Yale 40
7—Navy 37
31—Columbia 22
28—Penn 25
28—Columbia 25
12—Yale 41
21—Pennsylvania 32

PURDUE
48—Indiana 20
14—Illinois 54

RENSSELAER POLY
20—Amherst 33
28—Syracuse 34
10—M.I.T. 43
15—Pittsburgh 47
18—Springfield 35
5—Brown 48
38—Stevens 15
34—Williams 19

RUTGERS
33—Lehigh 20
30—M.I.T. 23
39—C.C.N.Y. 14
44—Swarthmore 9
50—Johns Hopkins 21
45—Syracuse 8
31—Springfield 22

SPRINGFIELD
5—Yale 48
25—Amherst 28
22—Rutgers 31
22—Wesleyan 31
7—Brown 46
35—Rensselaer 18
27—Williams 26

STANFORD
38—Lowell High 30
32—Olympic Club 36
30—Stockton High 29
51—Univ. California 17

STEVENS TECH
15—Rensselaer 38
25—Johns Hopkins 28
7—Brown 46
24—Wesleyan 29
34—C.C.N.Y. 19
16—Lehigh 37

SWARTHMORE
14—Johns Hopkins 48
9—Rutgers 44
7—Mercersburg 46

SYRACUSE
34—Rensselaer 28
26—Pittsburgh 45
38—Union 6
11—Army 42
8—Rutgers 45
16—Amherst 37
40—Rochester 13

UNIVERSITY OF UTAH
Inter-Mountain Championships.
58—Deseret Gym 33
Salt Lake Swimming Club 14

WESLEYAN
41—Harvard 12
17—M.I.T. 36
7—Yale 46
13—Brown 40
33—Williams 20
19—Amherst 34
29—Stevens 24
31—Springfield 22
9—Yale 44

WILLIAMS
20—Wesleyan 33
16—Amherst 37
9—Brown 44
19—Rensselaer 34
26—Springfield 27

WISCONSIN
22—Chicago 46
33—Illinois 35
31—Northwestern 37
29—Milwaukee A.C. 34

YALE
40—Columbia 13
45—C.C.N.Y. 8
40—Princeton 13
46—Wesleyan 7
48—Springfield 5
42—Columbia 11
37—Harvard 16
37—Pennsylvania 16
42—Brown 11
32—Pennsylvania 21
42—M.I.T. 11
44—Wesleyan 9
48—C.C.N.Y. 5
41—Princeton 12

INTERCOLLEGIATE WATER POLO SCORES.

C.C.N.Y.
33—Pennsylvania 8
2—Columbia 26
6—Princeton 46
5—Princeton 15
15—Yale 28
35—Pennsylvania 20
11—Yale 20
3—Columbia 49

COLUMBIA
26—C.C.N.Y. 2
50—Pennsylvania 20
10—Yale 5
5—Yale 14
9—Princeton 20
13—Princeton 24
49—C.C.N.Y. 3
39—Pennsylvania 5
10—Navy 11

PENNSYLVANIA
8—C.C.N.Y. 33
20—Columbia 50
20—C.C.N.Y. 35
7—Yale 41
2—Princeton 55
0—Yale 33
11—Princeton 49
5—Columbia 39

PRINCETON
46—C.C.N.Y. 5
15—C.C.N.Y. 5
28—Yale 10
20—Columbia 9
55—Pennsylvania 2
24—Columbia 13
25—Yale 1
49—Pennsylvania 11
39—Navy 3
16—New York A.C. 5

NAVAL ACADEMY
3—Princeton 39
11—Columbia 10

STANFORD
13—Uni. of California 3
4—Uni. of Cal. Fresh 6

YALE
5—Columbia 10
28—C.C.N.Y. 15
10—Princeton 28
14—Columbia 5
41—Pennsylvania 7
33—Pennsylvania 0
20—C.C.N.Y. 11
1—Princeton 25

FRESHMAN DUAL MEETS.

COLUMBIA
20—DeWitt Clinton 33

HARVARD
9—Yale Fresh 44
7—Worcester Acad. 46
14—Exeter Acad. 39
10—Andover Acad. 43

MASSACHUSETTS TECH.
15—Worcester Acad. 38
20—Exeter Acad. 33
22—Andover Acad. 31
20—Huntington Sch. 33
43—English H.S. 10
36—Brookline H.S. 17

PENNSYLVANIA
32—Girard Coll. 21
41—West Phila. H.S. 12
26—Mercersburg Acad. 27
28—Penn 'Varsity 23
32—Princeton Fresh 21
36—Girard Coll. 17

PRINCETON
8—Lawrenceville 45
7—Princeton 'Var. 46
26—Mercersburg Acad. 27
36—Yale Fresh 17
21—Penn Fresh 32

STANFORD
43—Poly H.S., San Frsco, 30
28—Lowell H.S. 40
36—Berkeley H.S. 32
42—San Mateo H.S. 8
45—Oakland Tech 23
41—U. of Cali. 27

YALE
37—Andover Acad. 16
24—Worcester Acad. 29
37—New Haven H.S. 16
17—Princeton Fresh 36
44—Harvard Fresh 9

INTERSCHOLASTIC DUAL MEETS.

ANDOVER ACAD.
43—Harvard Fresh. 10
26—Huntington 27
43—English H.S. 10
16—Yale Fresh 37
31—M.I.T. Fresh 22
20—Worcester Acad. 33
46—Deerfield H.S. 7
22—Exeter Acad. 31

BLAIR ACADEMY
25—Scranton H.S. 27
38—Scranton H.S. 15

BROOKLINE (MASS.) H.S.
17—M.I.T. Fresh 36
5—Worcester Acad. 48
41—Providence Tech. 12
13—Exeter Acad. 40
46—English H.S. 7
20—Huntington 33

CENTRAL H.S., WASHINGTON, D. C.
57—Augusta Mil. Acad. 14
37—Balto. City Coll. 34
34—Balto. City Coll. 37
35—Balto. Friends 27
16—Navy Plebes 46
41—Balto. Poly 30

CULVER MILITARY ACAD.
41—Great Lakes 30
52—Crane Tech 12
31—Great Lakes 40
43—Lane Tech 28

EAST H.S., CLEVELAND
47—Euclid Heights 21
46—Lakewood 22
52—University 16
62—West H.S. 6
49—East Side Schools 48
44—Schenley H.S. 24
50—Combined score of East Tech, Lakewood, West Tech, Shaw, University, Euclid, and West High—47

EAST HIGH, COLUMBUS, O.
35—Columbus Academy 28
39—Trade School 15
40—South High 5
45—Commerce High 9

ENGLISH H.S., BOSTON
10—M.I.T. Fresh 43
11—Exeter Acad. 42
36—Boston Coll. 17
37—Malden High 16
53—East Boston 9
40—Rindge Tech 22
7—Brookline High 46

EXETER ACAD.
42—Boston English 11
46—Malden H.S. 7
33—M.I.T. Fresh 20
26—Huntington 27
40—Brookline H.S. 13
44—Brookline S.C. 9
39—Harvard Fresh 14
31—Andover Acad. 22

GIRARD COLL., PHILADELPHIA
24—Meadowbrook Club 29
21—Penn Fresh 32
44—Central H.S. 9
40—West Phila. H.S. 13
36—W. B. YMCA 8
19—Penn Fresh 34
37—Camden YMCA 16
1st Place, Swarthmore Interscholastic Meet.

HUNTINGTON SCHOOL, BOSTON
33—M.I.T. Fresh 20
27—Exeter Acad. 26
33—Brookline H.S. 20
16—Worcester Acad. 37
27—Andover Acad. 26

LAWRENCEVILLE (N. J.) SCHOOL
45—Princeton Fresh 8
40—West Phila. H.S. 13
1st—Rutgers Interscholastic
1st—N. J. State Interscholastic.
1st—Yale Interscholastic.

MERCERSBURG ACAD.
35—Balto. Poly 13
33—Scranton H.S. 16
33—Balto. City Coll. 16
44—Reading H.S. 9
27—Penn Fresh 26
27—Princeton Fresh 26
46—Swarthmore Coll. 7

MONTCLAIR (N. J.) ACAD.
38—Erasmus Hall 15
38—Orange H.S. 5
20—Poly Prep 33
42—Pingree Sch. 11
40—Rutgers Prep 13
38—Asbury Park H.S. 15

NORTH CENTRAL H.S., SPOKANE.
38—Lewis & Clark H.S. 30
52—Gonzaga Univ. 6
35—Lewis & Clark H.S. 34

PAWLING (N. Y.) SCHOOL
25—Boys' High 25
39—Erasmus Hall 14

POLY PREP, BROOKLYN
43—Boys' H.S. 11
35—Rutgers Prep 17
33—Montclair Acad. 20
33—Erasmus Hall 20

SCHENLEY H.S., PITTSBURGH
35—South Hills H.S. 15
30—South Hills H.S. 11
23—Fifth Ave. H.S. 27
28—Westinghouse H.S. 13
24—East H.S. (Cleve.) 44
27—Peabody H.S. 23
27—Allegheny H.S. 23

SENN H.S., CHICAGO
40—Lake View H.S. 10
19—Evanston H.S. 31
38—Maine Twp. 22
28—Evanston H.S. 40
35—Crane Tech 6

SHATTUCK SCHOOL, FARIBAULT, MINN.
43—Central H.S. 25
45—St. Paul YMCA 23
46—St. Paul YMCA 22

WEST PHILADELPHIA H.S.
12—Penn Fresh 41
45—Coatesville H.S.—8
37—St. Luke's Sch. 15
13—Lawrenceville 40
13—Girard Coll. 40
48—Germantown H.S. 5
48—Northeast H.S. 5
42—Central H.S. 11

WORCESTER ACAD.
48—Holyoke H.S. 5
46—Boston English 7
37—Huntington Sch. 16
22—Brookline S.C. 31
38—M.I.T. Fresh 15
48—Brookline H.S. 5
29—Yale Fresh 24
46—Harvard Fresh 7
33—Andover Acad. 20

College and School Directory of Swimming

Institution	Size of Pool	Captain of Swimming	Captain of Water Polo or Water Basket Ball	Manager	Coach
Amherst Coll.....Amherst, Mass.	75 x 25	S. B. Damon.....	.....	H. C. Winch.....	R. F. Nelligan
Blair Acad.....Blairstown, N. J.	60 x 20	R. Hendricks.....	.....	C. W. Williams.....	W. F. Crouse
Brookline, H. S.....Brookline, Mass.	80 x 20	R. Purinton.....	.....	R. Aronson.....	J. McNamara
Brown Univ.....Providence, R. I.	75 x 25	G. Dawson, Jr.....	.....	F. W. Brack.....	C. H. Huggins
Central H. S.....Duluth, Minn.	60 x 40	J. Gow.....	.....	T. F. Phillips.....	Matt Mann
Central H. S.....Washington, D. C.	78 x 30	M. F. Coles.....	.....	.....	F. Brunner
College City New York.....New York City	100 x 27	L. McTague.....	H. Menkes.....	E. E. Harkavy.....	L. MacKenzie
Columbia Univ.....New York City	75 x 35	W. Eberhardt.....	R. Cooper	Frank McCabe.....	E. T. Kennedy
Culver Mil. Acad.....Culver, Ind.	120 x 60	T. Hodgson.....	.....	C. Arrick.....	W. A. Lindsay
Dartmouth Coll.....Hanover, N. H.	75 x 30	R. Bird.....	.....	H. S. Ferguson.....	S. C. Hazleton
English H. S.....Boston, Mass.	75 x 25	S. B. Richmond.....	.....	.....	J. W. Griffin
East H. S.....Buffalo, N. Y.	.....	.....	.....	.....	W. Donnelly
East H. S.....Cleveland, Ohio	75 x 25	R. Cooks.....	.....	J. D. Arthur.....	
East H. S.....Columbus, Ohio	45 x 20	Roger Addison.....	.....	G. M. Strong.....	A. Dolazel
Erie H. S.....Erie, Pa.	60 x 20	.....	.....	.....	G. H. Bendry
Girard Coll.....Philadelphia, Pa.	75 x 40	W. H. Stoecher.....	.....	A. Eufer.....	W. E. Bernard
Harvard Univ.....Cambridge, Mass.	60 x 20	A. W. Douglass.....	.....	.....	M. Pendergast
Huntington School.....Boston, Mass.	75 x 30	.....	.....	.....	T. Fitzgerald
Hutchinson H. S.....Buffalo, N. Y.	60 x 21	.....	.....	.....	G. J. Warren
Indiana Univ.....Bloomington	90 x 30	E. F. Sauer.....	.....	E. O. Stiehm.....	G. Schlafer
Johns Hopkins Univ.....Baltimore, Md.	60 x 30	P. Bruhrer.....	.....	D. H. Rowland.....	E. R. Henry
Lawrenceville School...Lawrenceville, N. J.	75 x 26	D. Blair.....	.....	E. Young.....	L. Prentiss
Lehigh Univ.....South Bethlehem, Pa.	75 x 25	M. K. Jacobs.....	.....	J. Farrington.....	J. Mahoney
Mass. Inst. Tech.....Boston	75 x 25	H. S. Colton.....	.....	E. H. Miller.....	H. Holm
Mercersburg Acad.....Mercersburg, Pa.	75 x 30	.....	.....	Dr. W. M. Irvine...	J. S. Wheatley
Montclair Acad.....Montclair, N. J.	60 x 40	R. Sefton.....	.....	C. H. Garrison.....	M. Miller
New Trier H. S.....Kenilworth, Ill.	60 x 25	W. Kerr.....	J. Hamilton.....	E. B. Jackson.....	E. B. Jackson
North Central H. S.....Spokane, Wash.	60 x 20	V. Cunningham....	O. Petersen.....	E. B. Godfrey.....	E. B. Godfrey
Northwestern Univ.....Evanston, Ill.	60 x 25	A. Crawley.....	H. Penfield.....	T. H. Robinson....	T. Robinson
Pawling School.....Pawling, N. Y.	60 x 20	C. Polley.....	.....	R. J. Swan.....	A. E. Tommers
Phillips Andover Acad.....Andover, Mass.	75 x 30	O. D. Ferguson.....	.....	S. H. Ives.....	A. Sutherland
Phillips Exeter Acad.....Exeter, N. H.	75 x 26	V. Taliaferro.....	.....	.....	W. W. Holm
Poly Prep.....Brooklyn, N. Y.	75 x 25	J. Hall.....	.....	A. Siegrist.....	H. F. Bohnet
Princeton Univ.....Princeton, N. J.	75 x 25	E. Stinson.....	R. C. Tait.....	R. E. Vogel.....	F. J. Sullivan

COLLEGE AND SCHOOL DIRECTORY OF SWIMMING—(Continued)

Institution	Size of Pool	Captain of Swimming	Captain of Water Polo or Water Basket Ball	Manager	Coach
Purdue Univ.....Lafayette, Ind.	60 x 30	N. J. Roberts.....	.....	N. A. Kellogg.....	M. L. Clevett
Rensselaer Poly.....Troy, N. Y.	75 x 30	C. Winquist.....	.....	O. Wiig.....	P. S. Graham
Rutgers Coll.....New Brunswick, N. J.	75 x 26	Leo Giebel.....	.....	E. F. O'Dair.....	J. H. Reilly
Schenley H. S.....Pittsburgh, Pa.	72 x 23	R. Turner.....	R. MacBeth.....	T. Wilson.....	H. P. Blair
Senn H. S.....Chicago, Ill.	60 x 24	H. McGillivray.....	.....	D. Denson.....	A. Pritzlaff
Shattuck School.....Faribault, Minn.	60 x 30	W. Oakes.....	.....	L. Holswinger.....	L. Holswinger
Springfield Coll.....Springfield, Mass.	60 x 24	.....	.....	.....	G. B. Affleck
Stanford Univ.....Palo Alto, Cal.	100 x 40	.....	.....	H. H. Darling.....	E. Brandsten
Stevens Tech.....Hoboken, N. J.	60 x 20	F. Eberhart.....	.....	Wm. Barnett.....	J. E. Mitchell
Swarthmore Coll.....Swarthmore, Pa.	75 x 25	A. L. Baxter.....	.....	S. C. Palmer.....	S. C. Palmer
Syracuse Univ.....Syracuse, N. Y.	90 x 24	L. M. Gordon.....	.....	G. V. Bates, Jr.....	R. T. Young
U. S. Military Acad.....West Point, N. Y.	80 x 40	G. R. Carpenter.....	.....	G. E. Mitchell.....	Alex. Meffert
U. S. Naval Acad.....Annapolis, Md.	80 x 60	V. J. Gallagher.....	R. D. Higgins.....	A. D. Taylor.....	H. Ortland
Univ. of California.....Berkeley	60 x 20	J. G. Robertson.....	A. B. Harrison.....	.....	D. Montell
Univ. of Chicago.....Chicago, Ill.	60 x 28	E. T. Blinks.....	C. J. Merriam	J. H. White.....	J. H. White
Univ. of Cincinnati.....Cincinnati, Ohio	60 x 25	.....	.....	.....	A. Brodbeck
Univ. of Illinois.....Urbana	75 x 25	K. Dennett.....	W. Wilson.....	.....	E. J. Manley
Univ. of Iowa.....Iowa City	.....	.....	.....	.....	D. A. Armbruster
Univ. of Michigan.....Ann Arbor	75 x 30	G. M. Gilmore.....	.....	W. F. Elliott.....	E. C. Drulard
Univ. of Minnesota.....Minneapolis	60 x 25	J. Day.....	.....	C. C. Holmes.....	N. Thorpe
Univ. of Pennsylvania.....Philadelphia	75 x 30	M. Armstrong.....	L. Haldeman.....	W. Paley.....	G. Kistler
Univ. of Pittsburgh.....Pittsburgh, Pa.	60 x 30	P. J. Corr.....	.....	H. L. Moulton.....	J. T. Taylor
Univ. of Utah.....Salt Lake City	60 x 25	R. Bolin.....	C. Ellicott.....	V. Halliday.....	E. Hollings
Univ. of Wisconsin.....Madison	75 x 25	J. Koch.....	H. Stark.....	E. N. Petersen.....	J. Steinauer
Wesleyan Univ.....Middletown, Conn.	60 x 30	S. N. Williams.....	.....	H. E. Rausch.....	Dr. E. Fauver
West Philadelphia H. S.....Philadelphia, Pa.	60 x 25	G. Young.....	.....	R. Laughton.....	I. W. Anthony
Williams Coll.....Williamstown, Mass.	65 x 22	S. A. Jones.....	.....	C. Harder.....	
Worcester Acad.....Worcester, Mass.	75 x 25	H. Howard.....	.....	R. O. Clapp.....	R. J. Delehanty
Yale University.....New Haven, Conn.	75 x 30	E. D. Pratt.....	N. T. Ussher.....	W. W. Holden.....	R. J. H. Kiphuth

APPLICATION FOR INTERCOLLEGIATE OR INTERSCHOLASTIC RECORD.

MR. L. DE B. HANDLEY,
Chairman Records Committee,
260 Washington Street, New York City.

Date of application.....192...

Dear Sir:

The undersigned officials hereby attest to the record breaking performance of the applicant and certify that the Intercollegiate rules regarding record making were strictly adhered to.

Full name of competitor..... {College / School} .....

Name of event and time made.....Date of meet.....

Competition {dual meet or / championship} .....Held at.....

Name of pool.....Actual measurement of pool.....

Signatures:

Referee ..... Starter .....

Judges ..... Timers .....Time.....

....Time.....

....Time.....

No application will be considered unless made out on this blank (tear out of book).

ACCEPT NO SUBSTITUTE THE SPALDING TRADE-MARK GUARANTEES QUALITY

SPALDING WORSTED BATHING SUITS

All styles furnished in sizes 28 to 46 inches chest measurement. Except where specified as Coast style, following suits are all two piece.

No. LR

No. 109

No. 621

No. LR. Improved Coast style (patented). Buttons over one shoulder. Shirt attached to tights, and tights cut away under skirt at side. Supplied in following colors: Black, Navy or Heather.

No. 109. Sleeveless, fine quality worsted, solid colors only; either Black, Navy or Heather mixtures.

No. 621. Sleeveless, fine quality cut worsted, low cut, belt loops. Plain colors only, in either Navy, Black or Gray.

No. 300PC. Coast style. One piece, sleeveless, lightweight worsted. plain colors; Navy, Black or Maroon only.

No. NS. Sleeveless, Heather color, two piece.

No. NSPC. Pacific Coast style, Heather color.

Prices on Application.

PROMPT ATTENTION GIVEN TO ANY COMMUNICATIONS ADDRESSED TO US

A. G. SPALDING & BROS.
STORES IN ALL LARGE CITIES

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SPALDING WORSTED BATHING SUITS

All styles furnished in sizes 28 to 46 inches chest measurement.

No. 300PCS

No. 195

No. **300PCS.** Coast style. One piece, sleeveless, light weight worsted. Striping on shirt and tights. Colors: Navy trimmed White; Black trimmed Red; Gray trimmed White.

No. **300.** Sleeveless, light weight worsted. Plain colors only: Navy, Black, Gray. No special orders.

No. **100PC.** Coast style. All in one piece. Sleeveless, striped worsted, full fashioned, best quality. In following colors only: Gray trimmed Navy; Navy trimmed Cardinal; Navy trimmed White.

No. **600BS.** Sleeveless, cut worsted, fancy striping on shirt and tights. Colors: Navy trimmed White; Black trimmed Red; Black trimmed Green.

No. **600PCS.** Coast one piece style. Sleeveless, striped cut worsted. Colors: Navy trimmed White; Black trimmed Red; Dark Gray trimmed White.

No. **600PC.** Coast one piece style. Sleeveless, fine quality cut worsted, in plain colors only, either Navy, Black, Gray or Maroon.

No. **195.** Sleeveless, fancy worsted, with attractive striping on shirt and tights in following colors: Gray trimmed White; Navy trimmed White; Black trimmed Red; Gray trimmed Navy.

No. **300S.** Sleeveless, light weight worsted, striping on shirt and tights. Colors: Navy trimmed White; Black trimmed Red; Gray trimmed White.

Prices on Application.

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SPALDING BATHING SUITS

All styles furnished in sizes 28 to 46 inches chest measurement.

No. 2S

No. 4R

Spalding One Piece Men's and Women's Swimming Suits

Nos. 2S to 2RL, inclusive, listed below, are all made to button over shoulders.

No. 2S. Men's. Good quality "spun silk." Navy Blue or Black.
No. 2SL. Women's. Otherwise same as No. 2S. Tight fitting.
No. 4SL. Women's. Indoor. One piece, close fitting. Silk. Black, Gray, White.
No. 4R. Fine quality worsted. Plain Navy Blue or Black.
No. 4RL. Women's. Quality as No. 4R. Colors: Black, Navy, Gray or Plain White. Tight fitting.
No. 2R. Mercerized cotton, silky finish. Plain Black or Navy Blue.
No. 2RL. Women's. Otherwise same as No. 2R.

Prices on Application.

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STORES IN ALL LARGE CITIES

FOR COMPLETE LIST OF STORES SEE INSIDE FRONT COVER OF THIS BOOK

SPALDING BATHING SUITS

All styles furnished in sizes 28 to 46 inches chest measurement.

No. 3R

No. 606

No. **3R. Spalding Patent Combination Swimming Suit.** Best quality worsted, in solid colors only, either Black, Navy Blue or Gray. Shirt has combination supporter. Armholes extra large, and shirt fastens to trunks at side with invisible catches, making a tight-fitting, neat combination. White canvas belt, with adjustable buckle. Pocket for change, etc., inside of trunks. Furnished in regular length and extra long.

No. **P2S.** Coast style, one piece, finest quality cotton, trimmed shirt and tights. Colors: Navy and Red or Navy and White.

No. **606.** Sleeveless, cotton, in Navy Blue, with either Red or White trimmings on shirt and tights. Two piece.

No. **606PC.** Like No. 606, but one piece Coast style.

No. **605.** Sleeveless, cotton, Navy Blue. Two piece.

No. **605PC.** Like No. 605, but one piece Coast style.

Prices on Application.

Spalding's Athletic Library

National Collegiate Athletic Association

Official Rules

for

Swimming, Fancy Diving, Water Polo and Water Basketball

1921-22

Revised and Edited, 1921

In convenient detachable form for the use of

Coaches and Officials

To detach rules from book, pry up wire stitch on back cover of this section and it can be removed without mutilating.

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SPALDING

The Real Meaning of a Trade Mark

Some trade marks are merely symbols of a commercial enterprise and have no intrinsic value. They soon fade.

Other trade marks have a deeper significance. They are the visible sign of quality and their pre-eminence represents the accumulation of years of good will based upon honest workmanship and fair dealing.

The Spalding trade mark has earned its reputation in the latter class.

SWIMMING RULES

Copyright, 1921, by National Collegiate Athletic Association.

RULE I.—RECOMMENDED OFFICIAL PROGRAMME AND ORDER OF EVENTS.

Programme and order of events.

The recommended official programme and the order of events for dual or championship meets shall be as follows:

1. Relay. Four men, each to swim two lengths of pool.
2. Fancy Diving.
3. Short Dash. 50 yards for pools exceeding 60 feet in length; 40 yards for pools 60 feet or less in length.
4. Breast Stroke. Distance to be decided by leagues or team officials within the following prescribed limits; minimum distance, 40 yards; maximum distance, 200 yards.
5. 220 Yards.
6. Plunge for Distance.
7. Back Stroke. Minimum distance, 40 yards; maximum distance, 150 yards.
8. 100 Yards.
9. Water Polo or Water Basket Ball.

NOTE 1.—The **Western Intercollegiate Conference** uses the above programme in dual meets. In the Conference championship the programme and events are the same as above with addition of 440-yard swim as event No. 9, and water basket ball, in case of tie, as event No. 10.

NOTE 2.—The **Intercollegiate Swimming Association** programme and order of events for dual meets is as follows:

RULE I.

1. 50 Yards.
2. Fancy Diving.
3. 220 Yards.
4. Plunge for Distance.
5. 100 Yards.
6. First Half of Water Polo.
7. Relay Race (4 men, each to swim at least 50 yards).
8. Second Half of Water Polo.

NOTE 3.—The **New England Intercollegiate Swimming Association** uses the following programme:

1. 50 Yards.
2. Fancy Diving.
3. 220 Yards.
4. 100 Yards.
5. Plunge.
6. Relay (4 men, as a minimum of 50 yards).

NOTE 4.—The **Eastern Collegiate Swimming Association** recommends the following programme and order of events:

1. Relay Race.
2. Fancy Diving.
3. 50 Yards (or two lengths of pool).
4. Back Stroke (two lengths of pool).
5. 220 Yards.
6. Plunge.
7. Breast Stroke (two lengths of pool).
8. 100 Yards.

RULE II. POOL.

Dimensions of pool.

SECTION 1. Pools for championship meets shall be at least 60 feet in length, 20 feet in width, and have a water depth of at least seven feet in the deep end and not less than three feet in the shallow end.

NOTE.—Records made in pools of less than 60 feet in length shall not be considered as official.

RULE III. OFFICIALS.

SECTION 1. The officials shall be one referee, one clerk of course, one scorer, three judges, three timers, a starter, and an announcer. Number of officials.

SEC. 2. The referee shall have full jurisdiction over the meet and he shall see that all the rules are enforced. Duties of referee.

He shall assign to each judge his particular duty deciding the winner, second, third, fourth, etc., as the case may require.

He shall act as chief judge, assisting in picking the winner of first place in every race.

The referee shall decide conflicting decisions between the judges, and shall promptly give his official decision to the scorer and announcer.

He shall appoint a chief timer. (See Duties of Timers.)

He shall appoint judges to "touch-off" the relay contestants. This shall be done by each respective judge by touching lightly on the back, each successive relay man at the instant his predecessor finishes.

The referee shall instruct all other officials regarding their duties as covered by the rules.

SEC. 3. The judges at finish shall determine the order in which the contestants finish. Duties of judges.

The duties of the judges of fancy diving are fully explained in Rules XI. and XII.

The judges of fancy diving shall also familiarize themselves with the chapter on "Instructions to Divers and Judges of Fancy Diving."

SEC. 4. The chief timer shall instruct each timer to start his watch instantly on the flash of the starter's pistol and to stop his watch simultaneously with the finish of the winner of first place. (See Rule VII, Sec. 4.) Duties of timers.

RULE III. The chief timer shall read all watches and after the official decision has been reached, announce the official time of each heat or race.

Before the meet the chief timer shall examine the watches to be used to determine their accuracy.

Where two or more watches register the same time, that time shall be regarded as official time. If each of the three watches marks a different time, the intermediate watch shall be regarded as official.

If for any reason only two watches record the time of any event, and they fail to agree, the longer time of the two shall be official.

No record shall be recognized as official unless the watches of each of the three timers shall have equalled or surpassed the time to be accepted, and shall have been examined by the chief timer.

Duties of clerk of course.

SEC. 5. The clerk of course shall be provided with the names of all competitors for each event.

He must give them notice at least five minutes before the event shall be started to appear at the starting mark.

If necessary he shall have them draw by lot for starting positions, after which they shall be turned over to the starter. The clerk of course shall be responsible for placing the contestants on the starting mark at the proper time for each event. The clerk of course shall also act as inspector at turns and shall report to the referee any infraction of the rule on turning.

Duties of starter.

SEC. 6. The starter shall have entire control of the competitors after they have been assigned to their proper positions by the clerk of course.

After receiving a signal from the referee that the judges and timers are ready, he shall start the race according to Rule VI.

The starters shall see that the contestants leave the mark as near together as possible. No contestant shall be allowed to have his body (action of

arms disregarded) moving forward until after the starter's pistol has been fired. RULE III.

In case the pistol is not purposely discharged or in case any competitor shall have obtained an unfair advantage at the start, the competitors shall all be called back at once by the starter by pistol shot.

The starter must have at least three good cartridges in his pistol before starting a race. A snap cap or accidental shot shall be no start.

SEC. 7. The scorer shall keep an accurate record of the results of each event. Duties of scorers.

RULE IV. CONTESTANTS.

SECTION 1. In all dual meets the number of contestants for each event shall be limited to two for each team, with the exception of the relay race, when four men shall comprise a team, and the water polo or water basket ball team. Number of contestants in dual meets.

SEC. 2. In all championship meets in which three or more teams are competing, no team shall be allowed more than four contestants in any event.

SEC. 3. No contestant shall participate in more than three different events in a swimming meet (participation in a water game excepted).

RULE V. SCORING OF POINTS.

SECTION 1. In all dual meets it is recommended that places in events shall be valued as follows: Scoring points in dual meets.

a. In the Relay Race:

First place .....5 points.
Second place .....0 points.

b. In all other events:

First place .....5 points.
Second place .....3 points.
Third place .....1 point.

NOTE 1.—The above is official for **Western Intercollegiate Conference** meets.

NOTE 2.—In all dual meets of the **Intercollegiate Swimming Association** and the **Eastern Collegiate**

RULE V. Swimming Association, places in events shall be valued as follows:

a. In the Relay Race:

First place .....8 points.
Second place .....0 points.

b. In all other events:

First place .....5 points.
Second place .....3 points.
Third place .....1 point.

SEC. 2. In championships where three or more teams are entered scoring of place values shall be as follows:

Swimming championship meets.

a. In the Relay Race:

First place .....8 points.
Second place .....6 points.
Third place .....4 points.
Fourth place .....2 points.

b. In all other events:

First place .....5 points.
Second place .....3 points.
Third place .....2 points.
Fourth place .....1 point.

NOTE 1.—In **New England Intercollegiate** championship the relay shall count 8 for first; 4 for second; 2 for third.

SEC. 3. In case of a tie score between two or more teams in a dual or championship meet, the tieing teams shall be ranked in the order in which they finished in the relay.

SEC. 4. The team having the greatest number of points shall be declared the winner of the swimming meet.

SEC. 5. It is recommended that the home team install a scoreboard of suitable size and in such location that the players and spectators may more easily follow the progress of the meet.

RULE VI. OFFICIAL START.

Starting position

SECTION 1. In all swimming races, with exception of the back stroke, each competitor shall stand with both feet on the starting line—i. e., the curb of the pool—and when the signal is given, shall plunge. Stepping back, either before or after the signal, shall not be allowed.

Starting signal.

SEC. 2. The official starting signal for all races shall be as follows:

1. "Get on your marks."
2. "Get set."
3. "Pistol shot."

Note.—In addition to the above official start, the Committee recommends a tryout of the following starting signal of two commands, namely: (1) "Are you ready?" Then, as soon as the starter sees that all men have their balance, (2) "Pistol shot."

False start.

SEC. 3. Three false starts by any contestant shall disqualify him. No substitution shall be allowed for such disqualified competitor.

RULE VII. FOULS.

Competing course.

SECTION 1. Each competitor shall keep a straight course, parallel with the sides of the pool from the starting station to the opposite point in the finish line. Any contestant who, when out of his course, shall touch another competitor, is liable to disqualification from the event, subject to the discretion of the referee. The referee may order any race swum over if he thinks sufficient unfairness prevailed.

Walking in shallow water.

SEC. 2. Standing upon the bottom in the shallow end of a pool during a competition is allowed only for the purpose of resting. Walking on, or jumping from, the bottom in the shallow end shall disqualify the offender.

Turning.

SEC. 3. A competitor in turning must, under penalty of disqualification, touch the end of the pool or course with one or both hands before pushing off.

RULE VII.

Finish of race.

SEC. 4. In all swimming races each competitor shall have finished the race when any part of his person touches the finish mark. In the relay race, each competitor shall touch the finish mark before his successor shall be touched off by the judge of his course.

Dual meet lanes.

SEC. 5. It is recommended (1) That a rope be stretched down the center of the pool high enough above the surface of the water so as not to interfere with any contestant; also (2) That a black line at least three inches wide be painted lengthwise down the center of the pool, and in all dual meets the two contestants from each team shall swim on the same side of the line and rope. If a swimmer crosses this division line so as to interfere with another contestant, he shall be disqualified.

Lanes for championship meets.

SEC. 6. In championship meets where three or more teams are competing it is recommended that individual lanes similar to those for dual meets be provided as follows:

In pools—

15 feet in width	**3 lanes**
20 feet in width	**4 lanes**
25 feet in width	**5 lanes**
30 feet in width	**6 lanes**
35 feet in width	**7 lanes**
40 feet in width	**8 lanes**

RULE VIII. BREAST STROKE.

Breast stroke form.

At the pistol shot the competitors shall dive and then swim on the breast. Both hands must be pushed forward and brought backward simultaneously in like manner. The body must be kept on the breast with both shoulders on a line with the surface of the water. The "frog" kick must be used—i. e., the contestant, lying on the breast, must draw the legs up by spreading out the knees, while at the same time keeping the heels together. When touching at the turn or finishing a race the touch shall be made with both hands simultaneously. Any

Breast stroke turn.

competitor introducing or using a side stroke movement or scissors kick during the race shall be disqualified by the referee. RULE VIII.

RULE IX. PLUNGE FOR DISTANCE.

SECTION 1. The maximum height for the take-off shall be 18 inches above the water level. Height of plunge take-off.

SEC. 2. A plunge shall be a standing dive made, head first, from a firm take-off, free from spring. The body is to be kept motionless, face downward, during the plunge. Definition of plunge.

SEC. 3. The plunge shall terminate at the expiration of 60 seconds if the competitor has not already raised his face above the surface of the water. The duration of a plunge shall be reckoned from the time the competitor's feet leave the take-off. If a contestant touches the side of the pool he shall be compelled to stop and his distance taken. Duration of plunge.

SEC. 4. The distance of a plunge shall be measured along a straight line at right angles to the diving base, to a line parallel to the diving base, over the farthest point reached by any portion of the competitor's body while fulfilling the above conditions. Measuring plunge.

NOTE.—In case more than one competitor plunges the full length of the pool, the winner shall be the one with the fastest time record.

SEC. 5. In championship or dual contests each competitor shall be allowed two plunges and the farthest plunge shall win. Number of plunges.

SEC. 6. The chief timer shall notify each contestant at the expiration of 60 seconds by the report of a pistol.

SEC. 7. The plunger shall be notified at the expiration of thirty seconds as to the distance covered and shall be informed as to his direction by the referee of the meet. Directing plunger

RULE X. BACK STROKE.

Back stroke start.

The competitors shall line up in the water facing the starting mark, with both hands resting on the end of the pool. At the sound of the pistol the competitors shall push off on their backs and continue swimming on their backs throughout the race. At each end of the pool, competitors shall touch the end of the pool with both hands before pushing off again. In making the turn, competitors shall be allowed to shift to side or breast stroke position, but shall not take a stroke in this position and must return to back stroke position before pushing off. The referee shall disqualify any offender under this rule.

Back stroke turn.

RULE XI. FANCY DIVING.

Diving programme.

SECTION 1. Dives shall be classified as "required" and "voluntary." The required dives are as follows: running front dive, plain or swallow, back-dive, running forward jack-knife, and back jack-knife. In addition to these dives each competitor shall perform four other dives which must be selected from the following table:

Official diving table.

SEC. 2. Official List of Dives:

Dive.	Standing. Points.	Running. Points.
1. Forward somersault	1.5	1.5
2. Forward 1½ somersault	1.9	1.8
3. Forward somersault with ½ twist	1.7	1.7
4. Forward 1½ somersault with ½ twist	2.2	2.2
5. Forward double somersault		2.2
6. Backward somersault	1.5	
7. Backward 1½ somersault	2.2	
8. Backward double somersault	2.0	
9. Flying Dutchman (forward spring back dive)	1.9	2.0
10. Flying Dutchman somersault	1.7	1.8
11. Flying Dutchman ½ twist	1.7	1.7

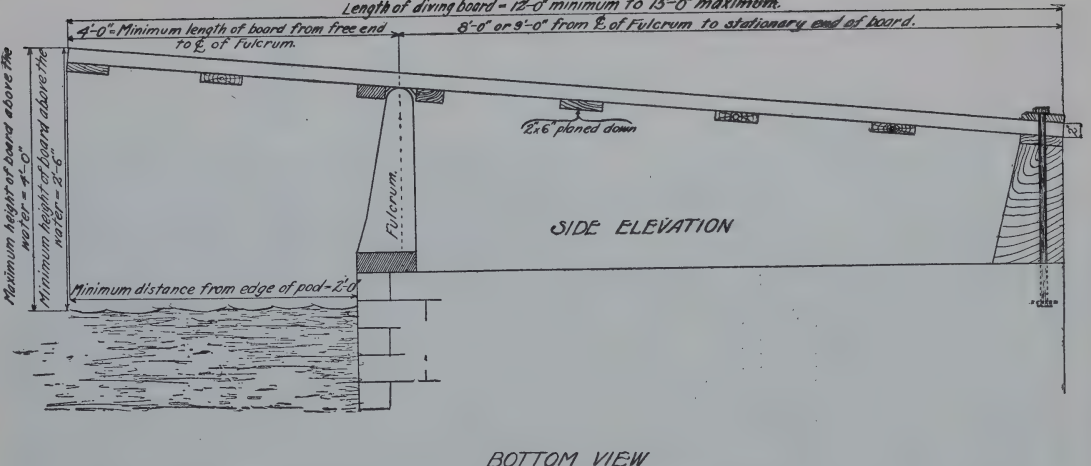
Dive.	Standing. Points.	Running. Points.
12. Twisting back 1½ somersault...	2.1	
13. Forward spring ½ twist back dive	1.5	1.6
14. Forward spring full twist with forward dive	1.8	1.8
15. Backward spring and forward dive (½ twist)	1.4	
16. Backward spring and backward dive (full twist)	1.9	
17. Backward spring forward somersault	1.9	
18. Backward spring and 1½ forward somersault	2.0	
19. Forward jack-knife ½ twist.....	1.8	1.9
20. Forward jack-knife with full twist	2.2	2.2
21. Backward jack-knife ½ twist....	1.9	
22. Handstand dive	1.2	
23. Handspring dive with somersault	1.6	1.6

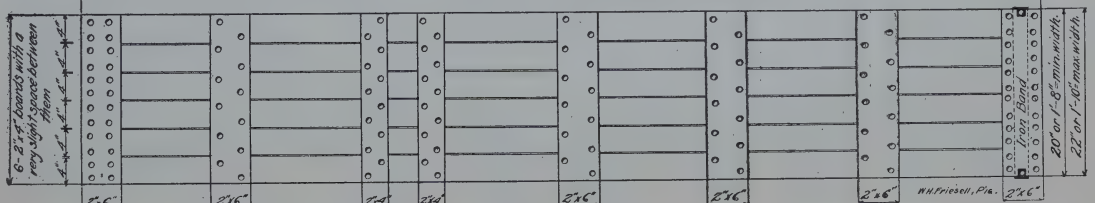
Official diving board.

SEC. 3. The official diving board shall have a length of not less than 12 feet nor more than 13 feet, shall be at least 20 inches wide, and shall project not less than 2 feet beyond the edge of the pool. The height of the board from the surface of the water shall be not less than 2 feet 6 inches nor more than 4 feet. The fulcrum shall be placed at least one-third of the length of the board from the free end.

Construction of board.

NOTE.—Experience has proved the diving board of the following construction most desirable: six 2-inch by 4-inch strips of straight grained white ash, 12 or 13 feet in length, fastened together by two 2-inch by 4-inch cleats, 3 inches apart, so as to form a groove for the fulcrum at one-third the distance from the free end, and with five 2-inch by 6-inch cleats equally distributed over the remainder of the board. The board should be securely fastened to the floor with bolts at one end, there being no fastening at the fulcrum. Cocoa matting as a covering


Length of diving board – 12'-0" minimum to 13'-0" maximum.
4'-0" = Minimum length of board from free end to ℄ of Fulcrum.
8'-0" or 9'-0" from ℄ of Fulcrum to stationary end of board.
Maximum height of board above the water = 4'-0"
Minimum height of board above the water = 2'-6"
2"x6" planed down
Fulcrum
SIDE ELEVATION
Minimum distance from edge of pool - 2'-0"



DRAWING AND MEASUREMENTS OF OFFICIAL DIVING BOARD **AS DESCRIBED IN THE RULES.**

for the board has been found more satisfactory than rubber.

Depth of water.

SEC. 4. The minimum depth of water in all diving competitions shall be 7 feet.

Jack-knife limit.

SEC. 5. Contestants when executing any jack-knife dive must enter the water within six feet of the end of the diving board. Lines shall be painted on the curbing on each side of the pool, six feet from the end of the diving board, to assist the judges in determining fouls. If a contestant enters the water beyond this 6-foot limit the dive shall be considered of lower value.

NOTE.—In the **Intercollegiate Swimming Association,** if a contestant enters the water beyond the 6-foot limit in the jack-knife, he shall be given 50 per cent. less than what he otherwise might have obtained.

Competitor's written list of dives.

SEC. 6. A written list of voluntary dives shall be submitted by each competitor to the judges before the beginning of the competition. Changes in this list shall not be permitted. No competitor shall be permitted to repeat any dive.

SEC. 7. Any diver, to perform a perfect head-foremost dive, must have his hands enter the water first.

High diving from firm take-off.

SEC. 8. For high diving competition from a firm take-off the platforms shall be 7 feet wide, fixed free from spring and placed at two heights, the first not less than 14 feet and not more than 16 feet and the second not less than 24 feet and not more than 27 feet above the surface of the water.

The programme for championships shall consist of two compulsory dives from the lower platform; namely, one plain back dive and one backward somersault; and two from the high platform, one running plain dive and one standing plain dive, and

Sample Scoring Sheet for Diving

REQUIRED DIVES	FINAL	REQUIRED DIVES	FINAL	REQUIRED DIVES	FINAL	REQUIRED DIVES	FINAL
1 RUNNING FRONT		1 RUNNING FRONT		1 RUNNING FRONT		1 RUNNING FRONT	
2 BACK		2 BACK		2 BACK		2 BACK	
3 RUNNING FORWARD JACK-KNIFE		3 RUNNING FORWARD JACK-KNIFE		3 RUNNING FORWARD JACK-KNIFE		3 RUNNING FORWARD JACK-KNIFE	
4 BACK JACK-KNIFE		4 BACK JACK-KNIFE		4 BACK JACK-KNIFE		4 BACK JACK-KNIFE	

OPTIONAL DIVES	DEGREE DIFF.	JUDGE'S AWARD		OPTIONAL DIVES	DEGREE DIFF.	JUDGE'S AWARD		OPTIONAL DIVES	DEGREE DIFF.	JUDGE'S AWARD		OPTIONAL DIVES	DEGREE DIFF.	JUDGE'S AWARD	
5				5				5				5			
6				6				6				6			
7				7				7				7			
8				8				8				8			

TOTAL			
PLACE NUMBER			

JUDGE'S SIGNATURE

six voluntary dives, to be performed from the high platform and to be selected from the following table: **RULE XI.**

	Dive.	Standing.	Running.
1.	Backward spring and forward dive with half twist	1.4	
2.	Forward spring and backward dive with half twist	1.6	1.7
3.	Forward spring and forward dive with full twist	1.9	1.9
4.	Backward spring and backward dive with full twist	2.1	
5.	Armstand	1.6	
6.	Armstand and somersault	1.5	
7.	Armstand backward fall dive	2.1	
8.	Armstand with double somersault	2.2	
9.	Backward dive	2.1	
10.	Backward somersault	1.7	
11.	Forward somersault	2.1	2.1
12.	Forward 1½ somersault	1.9	1.9
13.	Forward double somersault	2.2	2.2
14.	Forward 2½ somersault	2.3	2.3
15.	Backward 1½ somersault	2.4	
16.	Backward double somersault	2.1	
17.	Forward somersault with half twist	2.1	2.1
18.	Forward 1½ somersault with half twist	2.2	2.2
19.	Backward spring and forward somersault	1.8	
20.	Backward spring and forward 1½ somersault	2.0	
21.	Flying Dutchman	2.1	2.2
22.	Flying Dutchman somersault	1.9	1.9
23.	Flying Dutchman 1½ somersault	2.5	2.5
24.	Flying Dutchman double somersault	2.3	2.3
25.	Flying Dutchman with half twist	1.8	1.8
26.	Jack-knife forward	1.4	1.4
27.	Jack-knife backward	1.4	
28.	Jack-knife forward with half twist	1.9	1.9
29.	Jack-knife forward with full twist	2.1	2.1
30.	Jack-knife backward with half twist	2.0	
31.	Jack-knife backward with full twist	2.2	

RULE XII. METHOD OF SCORING DIVES.

SECTION 1. There shall be not less than three judges, who shall, independently and without consulting each other, award points, and, if necessary, half points, up to the maximum of 10 for each dive, according to the following scale: **Number of fancy diving judges.**

Unsuccessful attempt	0
Poor dive	3
Fair dive	6
Good dive	8
Excellent dive	10

Diving judges' scale of points.

SEC. 2. For information as to correct form in diving, judges and contestants are referred to the special article on page 18. **Correct diving form.**

SEC. 3. In the case of voluntary dives, before adding up his points and placing the competitors, **Scoring voluntary dives.**

Table for Scoring Difficulty of Dives

By Frank J. Sullivan, Coach Princeton University

First column=*Judge's* possible *estimate* of value of a given dive on basis of points or half points, ten points being given for a perfect dive (See Rule XII., Section 1). Succeeding columns contain *final results* of dives after judge's estimate has been multiplied by the proper *factor for difficulty*. The various possible factors for difficulty (See Rule XI., Sec. 2) appear in bold face type at top of each column of *final results*.

	1.2	**1.4**	**1.5**	**1.6**	**1.7**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**
1.	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
1.5	1.8	2.1	2.25	2.4	2.55	2.7	2.85	3.	3.15	3.3
2.	2.4	2.8	3.0	3.2	3.4	3.6	3.8	4.	4.2	4.4
2.5	3.0	3.5	3.75	4.0	4.25	4.5	4.75	5.	5.25	5.5
3.	3.6	4.2	4.5	4.8	5.1	5.4	5.7	6.	6.3	6.6
3.5	4.2	4.9	5.25	5.6	5.95	6.3	6.65	7.	7.35	7.7
4.	4.8	5.6	6.0	6.4	6.8	7.2	7.6	8.	8.4	8.8
4.5	5.4	6.3	6.75	7.2	7.65	8.1	8.55	9.	9.45	9.9
5.	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.	10.5	11.0
5.5	6.6	7.7	8.25	8.8	9.35	9.9	10.45	11.	11.55	12.1
6.	7.2	8.4	9.0	9.6	10.2	10.8	11.4	12.	12.6	13.2
6.5	7.8	9.1	9.75	10.4	11.05	11.7	12.35	13.	13.65	14.3
7.	8.4	9.8	10.5	11.2	11.9	12.6	13.3	14.	14.7	15.4
7.5	9.0	10.5	11.25	12.0	12.75	13.5	14.25	15.	15.75	16.5
8.	9.6	11.2	12.0	12.8	13.6	14.4	15.2	16.	16.8	17.6
8.5	10.2	11.9	12.75	13.6	14.45	15.3	16.15	17.	17.85	18.7
9.	10.8	12.6	13.5	14.4	15.3	16.2	17.1	18.	18.9	19.8
9.5	11.4	13.3	14.25	15.2	16.15	17.1	18.05	19.	19.95	20.9
10.	12.	14.	15.	16.	17.	18.	19.	20.	21.	22.

each judge shall multiply the points which he has awarded for each dive by the value given in the list of fancy dives, according to Rule XI., Sec. 2 (or Rule XI., Sec. 8, for high diving), and shall add the products so obtained. The maximum for each required dive shall be 10 points without addition for degree of difficulty.

Execution of dives alone considered.

SEC. 4. When judging voluntary dives, on no account shall the maximum for any particular dive be raised, nor shall the judge take into consideration the difficulty of the dive done, but points shall be awarded for execution alone. An unsuccessful attempt is one in which the competitor has failed to perform the dive nominated.

Unsuccessful attempt.

Determining winners of diving.

SEC. 5. At the finish of the contest, each judge shall add up his points and place the competitors, 1, 2, 3, etc., in the order thus established. Should two or more competitors receive equal points from any judge, they shall each be awarded the same placing figures, but the next competitors in order must be placed in the positions which they otherwise would have obtained.

Tie scores in fancy diving.

SEC. 6. The placing figures of each judge shall be added together, and the competitor whose aggregate is the *lowest* shall be the winner. In the event of a tie for any position, the total points of the three judges shall be added together, and such position awarded to the competitor having the *highest* number.

INSTRUCTIONS TO DIVERS AND JUDGES OF FANCY DIVING*

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General instruction for all dives.

All dives, running or standing, plain or fancy, should be executed with the utmost possible energy. Endeavor to get as high in the air as possible.

Always stand momentarily at attention before taking off or commencing to run.

A dive is considered to be finished as soon as the whole of the body has disappeared beneath the water. No points are given for return to the surface.

Faults to be avoided.

Faults to be avoided in dives—running or standing—are as follows: Falling outwards when taking off instead of springing outwards and upwards, ducking the head or throwing it too far back, and unnatural rigidity of the body which renders the dive stiff and awkward; hesitation; legs apart; feet flat; fingers spread instead of being together; legs throwing over on entering the water; hands apart in the case of a swallow dive; too much hollow to the back; fingers clenched, and arms too far back in the swallow.

Correct form and take-off for running dives.

In all running dives take a run the full length of the board, but always stand at attention momentarily before commencing. The run must be strong, quick, and natural, and the spring should be taken from both feet; avoid leaning forward, or the legs will be thrown up too far, but try to take the spring with the body vertical. Throw the arms into position simultaneously with the spring.

Correct position on board in standing dives.

In all standing dives take a position at the end of the board, heels touching, abdomen well in, chest out, head erect—not stretched nor strained—arms

*This article has been prepared for the Committee by Mr. Frank J. Sullivan. The material used in compilation is taken, in part, from the 1915 handbook on swimming issued by the Amateur Swimming Assocation of England.

held straight at the sides, with fingers loosely clenched and thumbs to the front; the whole position should be easy and graceful. Before taking off, the arms may be raised momentarily in front of, and at right angles to, the body, fingers stretched, forefingers touching, and palms downward.

Correct position of body while in the air.

After turns, somersaults, twists, or jack-knives are completed the whole body in its passage through the air should form an easy straight line, the head neither ducked nor thrown back, but just in an erect position in relation to the body, the thighs and back well braced, knees straight, toes pointed, and a slight natural hollow to the back. This position must be maintained until the dive is completed by the toes disappearing below the water.

Plain front dive.

In the plain front dive simultaneously with the spring, the arms should be swung into position either above the head with forefingers touching and palms downward, or at right angles laterally to the body as in the so-called swallow dive.

Swallow dive.

In the swallow dive the arms must be brought into position above the head just before entering the water. The entry into the water should be at an angle of about 50 or 60 degrees and with as little splash as possible. Judges, when judging this part of the dive, should carefully note whether the splash is caused by the body entering the water at an incorrect angle, by the legs throwing over, by the feet being flat, or by the build of the performer. It stands to reason that a heavily built person will make more splash than one of slighter build, therefore the entry into the water must be judged, not by the amount of splash made, but by the angle of entry and correctness of position.

Back dive.

Assume position of attention on low end of the board; walk full length of board in graceful manner; stand on balls of the feet on the extreme edge of the free end of the board with back towards the water, arms extended at sides or hands placed on

hips; spring upward and slightly backward, keeping the hands in either of these positions until the body has reached its highest point in the air, at which time the hands must be fully extended beyond the head before entering the water.

Front jack-knife dive. Running or standing, spring from the board as high as possible. At top of spring, bend forward at the hips and touch the toes, which must be pointed. Maintain this position until the last possible moment, straighten out and enter the water head first with arms above the head. The entry into the water must be made within 6 feet from the end of the board.

Back jack-knife dive. Stand on the balls of the feet on the extreme edge of the board, back to water, obtain a good balance (the arms may be stretched in front of the body before taking off), avoid leaning forward, take a strong backward spring upwards and outwards, bending at the hips at the same time until the fingers touch the toes. This position is maintained and entry into the water made as in the front jack-knife dive.

Hand balance dive. In all hand balance dives, the balance must be held for an appreciable time.

Somersault dives. In the front or back dives with more than one somersault, the somersault movements may be executed with the body in either of the following positions:

(a) Tucking the body as far as possible into the shape of a ball by drawing knees well up in front, and bending head and shoulders forward as far as possible, with hands gripping the legs below the knees. Straighten the body smartly before entering the water.

(b) Bending at hips as in jack-knife dive.

In all front or back single somersaults the movement is made with body in "layout" position—i. e., keeping the body erect with arms fully extended sidewise on a line with the shoulders.

Dives with twists.

In all somersaults and in jack-knife dives with twists, the somersault or jack-knife must be completed before twisting.

Feet first dive.

When entering the water feet first, the body should be vertical, back slightly hollowed, legs straight, toes pointed, head drawn back, arms extended at the sides.

Position of head important.

The position of the head is of great importance in plain and fancy diving. In a plain dive, if the head be ducked, there is a tendency to throw the legs over, and if held too far back, a tendency to come flat. In fancy dives, the position of the head goes a long way towards regulating the movement of the body.

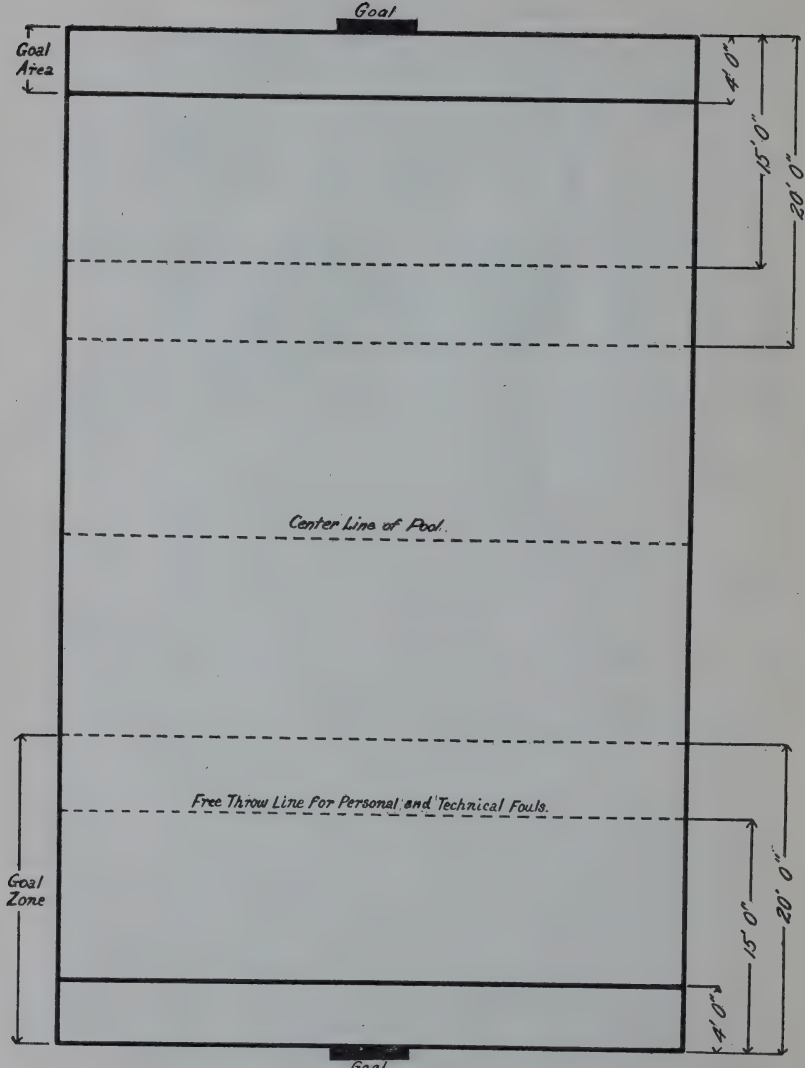

DIAGRAM OF WATER POLO FIELD OF PLAY.

WATER POLO RULES

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RULE I. PLAYING AREA.

SECTION 1. The length of the playing area shall be not greater than 75 feet nor less than 60 feet. The width of the playing area shall be not greater than 40 feet nor less than 20 feet. All pools shall conform as nearly as possible to these dimensions. **Size of playing area.**

NOTE.—When pools have a *shallow end* it is advisable to *shorten* the playing area by placing a *spar with goal attached* across the pool so as to insure a playing area 6 *feet deep.*

SEC. 2. The following lines on each side of the playing area shall be plainly marked: **Lines.**

1. Center line—equidistant from ends.
2. Four-foot lines—4 feet from ends.
3. Fifteen-foot lines—15 feet from ends.
4. Twenty-foot lines—20 feet from ends.

SEC. 3. The two 20-foot areas at the ends of the pool shall be called the *goal zones.* **Goal zones.**

RULE II. THE GOALS.

SECTION 1. The goals shall be boards 4 feet in length and 18 inches in height and marked in large letters with the word *goal.* **Size of goals.**

SEC. 2. They shall be located at the ends of the playing area 12 inches above the water level and equidistant from the sides. **Location.**

RULE III. THE BALL.

SECTION 1. The ball shall be the regulation white rubber *water polo ball,* not less than 7 nor more than 8 inches in diameter. **Size of ball.**

SEC. 2. It should be inflated *seven-eighths full* and free from oil, grease or other objectionable sub- **Inflation.**

RULE III. stance so that a good grip may be had on it with one hand, and it shall be inspected by the referee before putting it into play to see that the inflation is as described.

SEC. 3. The home team shall supply an official ball.

RULE IV. PLAYERS AND SUBSTITUTES.

Positions. SECTION 1. The team shall consist of six players in the following positions: Center, Right Forward, Left Forward, Right Back, Left Back, and Goalkeeper.

Captains. SEC. 2. The captains must be *playing* members of their teams. All protests, all demands for cessation of play for any purpose whatsoever, and notices of substitution of players must be made to the referee by the *captains.*

Substitution of players. SEC. 3. A player may be substituted for another at any time, *provided that his side has possession of the ball,* or at any time at the discretion of the referee. Before entering the water the new player must report to, and be recognized by, the referee.

Number of substitutes. SEC. 4. Only *two* men may be substituted in any one championship game unless it is otherwise agreed by both captains before the *start* of the game. A player who has been removed during the game for other reasons than disqualification may be returned during the subsequent period.

RULE V. OFFICIALS.

Number of officials. SECTION 1. There shall be the following officials:

Referee.
Two Timekeepers.
Two Goal Umpires.
One Scorer.

RULE V.

Selection of referee.

SEC. 2. The referee must be selected and mutually agreed upon by the official representatives of both teams. He shall be supplied with a whistle and pistol for signaling.

NOTE.—It is advisable for each league to have an approved list of officials from which to choose.

Umpires.

SEC. 3. The umpires shall call attention to any fouls, shall give evidence on the scoring of goals *if called upon,* but may *not* stop the game.

Timekeepers.

SEC. 4. The timekeepers shall be chosen by mutual agreement of the two captains. They shall be supplied with stop-watches and whistles and shall keep time on the game.

Duties of referee.

SEC. 5. The referee shall have absolute supervision of the game, shall have the power to *reverse* any decision of an *umpire,* and shall call fouls when necessary.

Referee announces fouls.

SEC. 6. In case of a foul the referee shall indicate the offender and announce the *nature* of the foul, so that the scorer, offender, and spectators can hear him.

RULE VI. THE GAME.

Length of game.

SECTION 1. The game shall consist of two periods, or halves, of 8 minutes each, with an intermission of 5 minutes.

Extra periods.

SEC. 2. In the case of a tie at the end of the second period, the teams shall rest 5 minutes and then play for another period of *three* minutes, or as many such periods as may be necessary to break the tie.

Time out.

SEC. 3. A captain, provided his team is in possession of the ball, may call time out without penalty up to 2 minutes for any purpose, but not more than twice in one period. On resumption of play the teams shall line up at their respective ends, with the ball in possession of the goalkeeper of the team that called time out. Time occupied by dis-

RULE VI. putes, repairing of suits, replacing of men, lining up for new start, and free throws from fouls, shall *not* be counted as time of play.

Referee stopping game.

SEC. 4. When for any reason the referee wishes to call time or stop play during any period, he shall sound the whistle or pistol. This signal shall immediately render the ball *dead,* and the ball so stopped shall not again be put into play except by the referee, who shall give it to the goalkeeper of the team having it last, both teams lining up at their respective ends.

Ball out of bounds.

SEC. 5. Time shall be taken out whenever the ball goes out of bounds, time out to begin when the referee's whistle or pistol sounds calling the ball out of bounds, and time in again shall begin when the referee's whistle or pistol sounds calling the ball in play.

Start of game.

SEC. 6. The start at the beginning of each period shall be made by both teams lining up at their respective ends of the *pool, the visitors being given choice* at beginning of first period. The ball shall be placed in the center of the playing area by the referee and held there with a pole fitted with a ring, start for the ball being made only at the sound of the whistle or pistol. In case of a *false* start, teams shall line up as before. *Three consecutive false starts* by one of the teams shall constitute a *technical* foul. Teams shall change ends at half time and at the beginning of each extra period.

RULE VII. DEFINITION OF TERMS.

Ball in play.

SECTION 1. The ball shall be considered in play until it either leaves the playing area or the referee signals with whistle or pistol.

Method of scoring goals.

SEC. 2. To score a *touch goal* the ball must be touched to the goal while in the possession of a player on the attacking side. To score a *thrown*

goal, the ball must strike the goal board after being thrown by a member of the attacking team from *outside* the 15-foot line. If the ball is in the air when time is called and a goal is scored, the goal shall count.

Putting ball in play after score or free throw.

SEC. 3. After a touch goal or a thrown goal has been scored, the teams shall line up at their respective ends of the playing area and the ball shall be given to the *goalkeeper* of the side *scored upon,* and at the signal by whistle of the referee all the men of both teams must enter the water *immediately* from their respective ends of the pool *under penalty* of a *technical* foul and in 10 *seconds* the goalkeeper holding the ball must pass or carry it out of his goal zone. When the ball is in a team's own zone a player on that team may retain possession of it not longer than 10 *seconds* or until the umpire or referee signals by word, at which signal the ball must pass out of that goal zone or be forfeited to the goalkeeper of the opposing team. After a free throw, whether successful or not, the ball shall be given to the goalkeeper of the team fouled against and the ball shall be put in play in the same manner as after a touch or thrown goal.

Putting ball in play after being thrown out of pool.

SEC. 4. If a team causes the ball to go out of the playing area, it shall be given to the goalkeeper of the opposing team within his own 4-*foot line;* and the players of the team causing the ball to go out shall *not* be allowed within the 15-*foot line* until the whistle or pistol is sounded. No player shall leave the water when the ball goes out of bounds.

Carrying the ball under water.

SEC. 5. The ball shall be kept *on or as near the surface* as possible and shall not be *intentionally* carried under the water. If, however, a player with the ball has been forced under by an opponent, he may carry the ball as far as eight feet under water. The ball shall not be carried under water a greater distance than this under any circumstances. No

RULE VII. goal shall be counted if scored on an *under water pass.*

Resting. No player shall hold on to the side or end of the pool except for the purpose of resting and shall take *no part in the play* while resting.

Playing within four-foot line. SEC. 6. No player, except three backs of the *defending* side, shall be allowed inside the 4-foot line until the *ball* is within it. When the ball is *within* this line no player *inside* this section will be allowed *artificial* support other than the *bottom* of the playing area.

Tackling. SEC. 7. No player shall tackle an opponent unless said opponent *has possession of the ball* or *is within four feet* of the ball. *Exception*:—When ball is within the 4-foot section tackling may be allowed anywhere within this section. At other times a player in covering an opponent may block him, but shall *not* lay hands on him or hold him with his legs.

RULE VIII. FOULS.

SECTION 1. Fouls are divided into three groups: personal, technical, and disqualifying.

Penalty for personal fouls. SEC. 2. The penalty for a personal foul shall be two free throws at an *unguarded* goal from the 15-*foot* mark; each throw if successful will count *one point.* Personal fouls are enumerated as follows:

a. Tackling player who is not within 4 feet of ball.

b. Delaying the game after receiving notification to play by the referee.

c. Kicking intentionally or striking an opponent.

d. Holding under water for more than *ten seconds* any player who is within 4 feet of the ball. *Exception*:—A player who has *possession of the ball* may be held under 10 seconds or as *long thereafter as he retains possession of the ball.*

e. Unnecessary rough work.

f. Tackling player after goal has been scored or after game has been stopped for any reason by referee.

g. Use of abusive language to players or officials.

h. Player other than captain questioning any decision of officials.

i. Violation of Rule VII., Sec. 7, regarding blocking.

j. Tackling a player by the costume.

Penalty for technical fouls

SEC. 3. The penalty for a technical foul shall be a free throw at an *unguarded* goal from the 15-*foot* mark, which if successful will count *one* point. Technical fouls are as follows:

a. Crossing 4-foot line ahead of ball. (If player corrects this mistake at once, provided the mistake has in no way affected the play, no foul shall be called.)

b. Holding on side or end of pool while engaged in scrimmage or while in *possession* of the ball.

c. Substitute failing to report to referee.

d. Swimming under water more than *eight feet* with the ball.

e. Three false starts on line-up.

f. Four players *inside* their own 4-foot line when ball is *not* in goal section. *Exception*:—If the *defending* side fouls after the ball is *within* 4-foot line and a goal is *scored* the foul shall *not* count. If, however, the goal is *not* scored, the foul *shall* count and a free throw given to the *offended* side.

g. Failure to enter water according to Rule 7, Sec. 3.

h. Holding ball under water unless *tackled* by *opponent.*

i. Violation of Rule 7, Sec. 6, regarding artificial support.

RULE VIII. j. Going under water with the ball before being tackled.

Suspended players.

SEC. 4. A player may be suspended for the period or *disqualified* for the game by the referee for *unnecessary roughness* or for *unbecoming conduct* and his team *charged* with a *personal* foul. *A substitute shall be allowed for a suspended player,* but the suspended player may return to the game at the beginning of the subsequent period. When a player is disqualified a substitute *may* take his place immediately.

SEC. 5. Any player having oil, grease, or other objectionable substance on his *body* or *suit* shall be *disqualified.*

Foul by attacking side while scoring goal.

SEC. 6. If the attacking side fouls and before the foul is called a goal is scored by them, the loss of the goal shall be the only penalty, and the ball shall be put in play in the center of the pool as at the beginning of the game.

RULE IX. SCORING.

SECTION 1. Goal values:

A touch goal will equal 5 points.
A thrown goal will equal 3 points.
A goal thrown by free throw after foul will equal 1 point.

Winner.

SEC. 2. The team scoring the largest number of points shall be declared the winner.

Scoreboard.

SEC. 3. It is recommended that the home team provide a scoreboard of such dimensions and so placed as to enable players and spectators to follow the game more easily.

WATER BASKET BALL RULES

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RULE I. PLAYING AREA.

SECTION 1. Water basket ball may be played in any pool free from obstruction, not exceeding 2,500 square feet in area. Pool.

SEC. 2. (a) A line shall be drawn across the bottom of the pool or on the sides of the pool at an equal distance from each end.

(b) Marks or lines shall be drawn across the bottom and up the sides 15 feet from the ends, called "15-foot lines." Marks, lines, etc

RULE II. THE BALL.

The regulation ball shall be a leather covered Water Polo Ball, not less than 7 nor more than 8 inches in diameter, and shall be fully inflated.

RULE III. BASKETS.

SECTION 1. The baskets shall be hammock nets of cord, suspended from metal rings 18 inches in diameter. The rings shall be 5½ feet above the water in the center of the ends of the pool. The inside rims shall extend 6 inches from a rigid supporting surface. Baskets.

SEC. 2. The background shall measure at least 6 feet horizontally and 4 feet vertically, and shall extend not less than 3 feet above the top of the basket. It shall be solid and rigid and of a uniform color. Background.

RULE IV. TEAMS.

SECTION 1. Teams for match games shall consist of six players.

SEC. 2. There shall be three forwards and three backs.

SEC. 3. A substitute may take the place of another player when ball is not in play, or when the team having the ball wishes to put in another player. Substitutes.

RULE IV. SEC. 4. The substitute must report to referee before entering the game.

RULE V. OFFICIALS.

SECTION 1. The officials shall consist of a referee, an umpire, a timer, and a scorer.

SEC. 2. The referee shall have entire charge of the game, deciding fouls, goals, and free throws. His decision shall be final.

SEC. 3. The umpire shall have power to call any foul.

SEC. 4. The referee shall blow a whistle whenever necessary to call time or a foul. He shall call time out when a suit is torn off or other serious accident occurs or when the captain of the team in possession of the ball requests it. The ball shall then be put in play where it was when time was called out. Play must be resumed within two minutes.

SEC. 5. In case of a foul the referee shall indicate the offender and announce the nature of the foul so that the scorer, offender and spectators can hear him.

RULE VI. CAPTAINS.

The captains shall be playing members of the teams and shall toss for choice of goal at start of play. The goals shall be changed at half-time. A captain may call for time out only when his team is in possession of the ball, to introduce a new player, or to repair a suit. Any player questioning the decision of the referee, except the captain, may have a foul called on him at the discretion of the referee.

RULE VII. PLAYERS.

Tackling. SECTION 1. No player shall tackle another unless said player is in possession (actual possession) of the ball, and then only one of the opposing players

shall be allowed to tackle him. Dribbling is considered "in possession of the ball." RULE VII.

SEC. 2. A player, in covering an opponent, may block him, but he shall not be allowed to lay his hands on him or hold him with his legs. Blocking.

SEC. 3. No player shall be allowed to hold on to the sides of the tank except for the purpose of resting, and he shall take no part in the game while so doing. Holding. Resting.

RULE VIII. LENGTH OF GAME.

SECTION 1. The game shall consist of 16 minutes of actual playing time, divided into halves of 8 minutes each, with a 5-minute rest between halves.

SEC. 2. Time occupied by free tries, disputes, repairing suits, replacing men, and lining up for a new start, shall not be counted as time of play.

SEC. 3. In the case of a tie at the end of the second period, the teams shall rest five minutes and then play another period of three minutes, the captains tossing for choice of goal as at the beginning of the game. The team being ahead at the end of the extra period shall be declared the winner. In case neither team scores in the first extra period of play, or the score is still tied, then the teams shall change ends and play another period of three minutes. The team being ahead at the end of the second extra period shall be declared the winner. If the score is a tie at the end of the second extra period the game shall be declared a tie game. Tie.

RULE IX. START OF GAME.

SECTION 1. The start shall be made by each team lining up at its respective end. The referee shall then blow the whistle and throw the ball into the center of the tank. The forwards only shall be allowed to go after the ball, starting as the referee

RULE IX. blows his whistle. The backs must get into the water at the sound of the whistle.

False start. SEC. 2. In case of a false start the teams shall line up as before. Three false starts shall constitute a foul; penalty, free throw.

RULE X. BALL IN PLAY.

The ball shall be kept on or as near the surface as possible and shall never be intentionally carried under water. The ball shall never be advanced under water, either while held in the hand or between the legs, except when a player is pushed under he may swim out if pushed under by an opponent. No basket shall be allowed when made by an underwater pass.

RULE XI. BALL OUT OF BOUNDS.

When the ball goes out of the pool it shall be returned to the place from which it was thrown or batted and given to the opposing team. The player receiving the ball from out of bounds shall not be permitted to try for goal, but must pass the ball to one of his team-mates. He shall have 5 seconds in which to throw the ball. If he fails to throw in 5 seconds, the ball shall go to the opposing side.

RULE XII. LINING UP.

After each field goal and successful free throw, and after the free throws following a double foul, whether successful or not, the teams shall line up at their respective ends.

RULE XIII. FREE THROW.

SECTION 1. A free throw shall be thrown from the 15-foot line. An honest attempt must be made to throw the ball into the basket. The forwards of the team given possession of the ball on a foul may line up as they choose and one of their number try for goal. The backs of the opposing team may cover

all the opposing players except player making free throw, who shall not be interfered with in any way. RULE XIII.

SEC. 2. If basket is made, both teams shall line up at their respective ends.

SEC. 3. If basket is not made, the ball is again in play, and backs and forwards may go after it.

SEC. 4. After a double foul the ball shall not be in play until both free throws have been made and shall then be put in play as at the beginning of the game.

RULE XIV. SCORING.

SECTION 1. Two points may be scored by making a field basket. One point may be scored by a free throw.

SEC. 2. If, when trying to score a free throw, the ball goes out of the pool, it shall be taken to one of the opposing backs and he shall be allowed to pass it to one of his forwards. The referee shall count five, and if the ball is not thrown in that time it shall go to the opposing side on the 15-foot line.

RULE XV. FOULS.

SECTION 1. A foul is the breaking of any rule.

SEC. 2. In case of any foul a free throw shall be awarded to the team opposed to the offender. Four personal fouls shall be sufficient cause for the removal of the player from the game.

SEC. 3. **Technical Fouls:** Tackling an opponent by his costume; holding on to the sides of the pool when in possession of the ball; interfering with a player who is trying for a free throw (no splashing shall be allowed during free throws), and holding an opponent under water after he has let go of the ball.

SEC. 4. **Personal Fouls:** Kicking or striking; tackling a player not in actual possession of the ball, or any unnecessary rough playing.

RULE XV. SEC. 5. No player shall be permitted to interfere with the ball while it is passing through the goal ring or net. The referee shall have power to award a goal if such an offense is attempted.

NOTE.—In case the ball lodges between the rings and the background, the ball shall be thrown up between two players of opposing sides, as near as possible to the point where the ball lodged.

SEC. 6. Any player having oil, grease or other objectionable substance on his body or suit shall be disqualified.

RULE XVI. TO STOP PLAY.

When for any reason the referee wishes to call time or stop play during the game, a pistol shall be fired. This signal shall immediately render the ball dead and the ball, when stopped, shall not be put in play again except by the referee.

RULE XVII. END OF PLAY.

SECTION 1. If, at the end of first or second half, the ball should be thrown and is in the air when the timer's pistol is fired, the goal being made shall count in the score.

SEC. 2. If a foul has been called just as timer's pistol is fired, the free throw shall be allowed.

RULE XVIII. SWIM UNDER WATER.

Players shall be permitted to push off from end or side of pool and swim under water when not carrying the ball, thus affording ample opportunity for trick plays.

SPALDING

Spalding Quality Will Always Give More Than is Expected

Indianapolis, Indiana, August 9, 1919.

While serving with the A. E. F. as Divisional Athletic Director for the Y. M. C. A., with headquarters at St. Andre de Cubzac, Gironde, France, I had an opportunity to note the different makes of athletic goods. I have no desire to say anything against any make of goods, as we were glad to get any of them, but I do want to tell you about the remarkable performance of two "Spalding Army and Navy No. J5A" foot balls.

Christmas Day, 1918, I placed one of these balls in play in a game between Co. D and Co. F of the 311th Engineers at St. Andre Field near St. Andre de Cubzac. These teams played a scoreless tie. On New Year's Day they again played a scoreless game, using the same foot ball. Following in rapid order came four other games, making six in all, with this same foot ball. We then gave it to the Co. E team of the 311th Engineers for a practice ball and it was in fine condition at that time. This ball had not been deflated, which seems to me to be remarkable.

I then inflated and laced another ball and started it with the intention of seeing just how far it would go. This ball was used for nine straight games and was then "lost." It was in almost perfect condition at the end of the ninth game, which was played at St. Andre Field between the 16th Engineers and the 304th Brigade Tank Corps.

We were not compelled to use these balls, and only did so because they were in first-class shape. We had other foot balls on hand.

Any one seeing these teams in action can testify that they played some foot ball. For the most part the Pershing hobnail shoe was used, and they sure could treat them rough.

EVERETT W. HUNTER.

UNIVERSITY OF ILLINOIS-URBANA
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SPALDING

"Spalding"="Official"

Spalding *Official* National League Base Ball.
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Spalding *Official* Lawn Tennis Ball.
Spalding *Official* Water Polo Ball.
Spalding *Official* No. G Soccer Ball.
Spalding *Official* Volley Ball.
Spalding *Official* Olympic Athletic Implements.

Golf has no official ball because it is individually played, but it is interesting to note that every important golf championship in 1920 and 1921, in both the United States and Europe, was played with a Spalding-made ball.

Champions in every sport use Spalding equipment, because they have confidence in the implements and thereby can devote their entire time to perfecting their style of play. If it's Official, it's a Spalding.